
NSSE 2017

Frequencies and Statistical Comparisons

Washington State University

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NSSE 2017 Frequencies and Statistical Comparisons

About This Report

The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly selected or census-administered students. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website (nsse.indiana.edu) or contact a member of the NSSE team.

1. **Class level:** As reported by your institution.
2. **Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
3. **Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.

4. **Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.

5. **Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

Note: Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit:

nsse.indiana.edu/html/weighting.cfm

6. **Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (* $p < .05$, ** $p < .01$, *** $p < .001$). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are items 11 a-f which are compared using a z -test.

NSSE

national survey of student engagement

NSSE 2017 Frequencies and Statistical Comparisons

NSSEville State University

Seniors ← 1

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Frequency Distributions^a

	NSSEville State	Private Doc-Granting	Carnegie UG Program	NSSE 2016 & 2017
Item wording and question	Variable name ^c	Values ^d	Response options	Count % Count % Count % Count %
6. During the current school year, about how often have you done the following?				
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1 Never 2 Sometimes 3 Often 4 Very often Total	3 0 133 20 212 33 280 46 630 100	244 2 4,397 27 5,947 37 5,440 34 16,028 100
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1 Never 2 Sometimes 3 Often 4 Very often Total	82 13 267 42 164 26 113 19 626 100	2,369 14 5,959 37 4,548 21 3,072 20 12,948 100
c. Evaluated what others have concluded from numerical information	QRevaluate	1 Never 2 Sometimes 3 Often 4 Very often Total	25 4 56 9 384 63 150 24 615 100	778 5 1,666 11 9,147 57 4,267 27 15,858 100

Statistical Comparisons^b

Your seniors compared with

NSSEville State	Private Doc-Granting	Carnegie UG Program	NSSE 2016 & 2017
Mean	Mean	Effect size ^e	Mean
3.3	3.0 ***	.27	3.0 ***
2.5	2.5	-.04	2.6 *
3.1	3.1	.02	3.1

7. **Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent t -tests use Cohen's d ; z -tests use Cohen's h . Cohen's d is calculated by dividing the mean difference by the pooled standard deviation. Cohen's h is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences* (2nd edition). New York: Psychology Press.

8. **Key to symbols:**

- ▲ Your students' average was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.
- △ Your students' average was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.
- ▽ Your students' average was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.
- ▼ Your students' average was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to item wording and your institutional context.

NSSE 2017 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	60	5	469	4	1,212	6	1,923	5	2.6	2.7	-.05	2.6	.05	2.7 *	▽	
		2	Sometimes	490	42	4,952	42	7,997	45	17,689	41								
		3	Often	424	36	4,222	34	5,614	32	15,131	34								
		4	Very often	196	16	2,381	19	3,001	17	9,106	20								
		Total	1,170	100	12,024	100	17,824	100	43,849	100									
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	227	20	2,499	22	4,163	24	8,454	21	2.3	2.3	-.04	2.3	.02	2.4 **	▽	
		2	Sometimes	484	41	4,304	36	6,548	37	15,407	36								
		3	Often	313	27	3,366	28	4,818	27	12,564	28								
		4	Very often	140	11	1,738	14	2,163	12	7,059	15								
		Total	1,164	100	11,907	100	17,692	100	43,484	100									
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	59	5	656	6	1,369	7	2,464	6	3.0	2.9	.02	2.8 ***	.13	2.9	.04	
		2	Often	193	16	1,850	16	3,481	19	6,899	16								
		3	Sometimes	653	56	6,792	57	9,708	55	25,020	57								
		4	Never	260	22	2,558	21	3,113	19	9,020	21								
		Total	1,165	100	11,856	100	17,671	100	43,403	100									
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	483	43	4,412	39	7,128	41	16,912	40	1.8	1.9 **	▽	-10	1.8	-.04	1.9 **	▽
		2	Sometimes	450	38	4,851	40	7,041	40	17,063	39								
		3	Often	180	14	1,769	14	2,458	13	6,298	14								
		4	Very often	51	4	772	6	982	6	2,999	7								
		Total	1,164	100	11,804	100	17,609	100	43,272	100									
e. Asked another student to help you understand course material	CLaskhelp	1	Never	60	5	590	6	1,158	7	2,737	7	2.7	2.8	-.04	2.7	.01	2.7	.03	
		2	Sometimes	389	34	3,897	34	6,093	35	15,283	36								
		3	Often	510	43	4,664	39	6,638	38	16,340	37								
		4	Very often	205	18	2,650	22	3,717	21	8,892	20								
		Total	1,164	100	11,801	100	17,606	100	43,252	100									
f. Explained course material to one or more students	CLexplain	1	Never	38	3	320	3	600	3	1,428	3	2.8	2.8	-.06	2.8	-.01	2.8	-.02	
		2	Sometimes	384	33	3,809	33	6,115	35	14,822	34								
		3	Often	533	46	5,176	43	7,326	42	18,112	41								
		4	Very often	210	18	2,475	21	3,520	20	8,790	21								
		Total	1,165	100	11,780	100	17,561	100	43,152	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

												Your first-year students compared with							
				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	126	11	1,095	10	2,031	12	4,654	11	2.6	2.7 *	-.06	2.6	-.01	2.7	-.03	
		2	Sometimes	410	35	3,914	34	6,036	35	14,481	34								
		3	Often	405	35	4,078	34	5,857	33	14,483	33								
		4	Very often	222	19	2,649	22	3,584	20	9,430	22								
		Total	1,163	100	11,736	100	17,508	100	43,048	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	61	6	628	6	1,504	8	2,643	6	2.7	2.7	-.03	2.7	.01	2.7	-.03	
		2	Sometimes	450	39	4,490	38	6,533	37	16,103	38								
		3	Often	463	40	4,411	38	6,305	37	16,011	37								
		4	Very often	186	16	2,141	18	3,118	18	8,133	19								
		Total	1,160	100	11,670	100	17,460	100	42,890	100									
i. Given a course presentation	present	1	Never	340	29	2,663	23	5,234	28	9,562	22	2.0	2.1 ***	-.12	2.0	-.01	2.2 ***	-.18	
		2	Sometimes	535	47	5,774	50	8,057	47	20,280	47								
		3	Often	213	18	2,414	21	3,152	19	9,510	22								
		4	Very often	69	6	813	7	1,022	6	3,552	8								
		Total	1,157	100	11,664	100	17,465	100	42,904	100									
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	59	5	733	7	1,176	7	2,913	7	2.6	2.6	.06	2.6	.05	2.6	.03	
		2	Sometimes	467	41	4,671	42	7,005	41	16,893	40								
		3	Often	459	40	4,315	37	6,696	39	16,230	38								
		4	Very often	165	14	1,685	14	2,345	13	6,275	15								
		Total	1,150	100	11,404	100	17,222	100	42,311	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	75	7	1,033	10	1,619	10	3,653	10	2.6	2.5 ***	.12	2.5 ***	.12	2.6 **	.08	
		2	Sometimes	427	38	4,554	41	6,969	41	16,558	40								
		3	Often	463	40	4,093	35	6,043	34	15,364	35								
		4	Very often	182	15	1,655	14	2,522	14	6,543	15								
		Total	1,147	100	11,335	100	17,153	100	42,118	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	91	8	1,288	13	2,412	15	4,327	11	2.6	2.5 ***	.16	2.4 ***	.19	2.5 **	.09	
		2	Sometimes	426	38	4,635	42	6,762	41	16,451	40								
		3	Often	441	38	3,671	31	5,465	31	14,341	33								
		4	Very often	186	15	1,667	14	2,436	14	6,802	16								
		Total	1,144	100	11,261	100	17,075	100	41,921	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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Washington State University

First-Year Students

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				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	45	4	608	6	980	6	2,015	5	2.8	2.7 *** ▲	.13	2.7 *** ▲	.16	2.7 ** ▲	.09	
		2	Sometimes	340	29	3,795	34	5,907	35	13,669	33								
		3	Often	552	49	4,977	44	7,520	44	18,766	44								
		4	Very often	204	18	1,816	16	2,602	15	7,267	18								
		Total	1,141	100	11,196	100	17,009	100	41,717	100									
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	28	2	411	4	614	4	1,240	3	2.9	2.8 *** ▲	.11	2.8 *** ▲	.12	2.9	.04	
		2	Sometimes	301	27	3,338	31	4,989	30	11,707	29								
		3	Often	545	48	4,985	44	7,803	45	19,064	45								
		4	Very often	258	23	2,372	21	3,496	20	9,420	23								
		Total	1,132	100	11,106	100	16,902	100	41,431	100									
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	28	3	334	3	463	3	1,127	3	2.9	2.8 * ▲	.07	2.8	.02	2.8	.03	
		2	Sometimes	320	29	3,463	33	4,944	31	12,500	31								
		3	Often	551	48	5,046	45	7,872	46	18,924	45								
		4	Very often	228	20	2,195	19	3,542	20	8,637	21								
		Total	1,127	100	11,038	100	16,821	100	41,188	100									
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	11	1	154	2	226	2	508	1	3.0	3.0	.02	3.0	.00	3.0	-.01	
		2	Sometimes	230	21	2,333	22	3,433	21	8,591	22								
		3	Often	594	52	5,517	50	8,505	50	20,756	50								
		4	Very often	291	25	2,943	26	4,590	27	11,118	27								
		Total	1,126	100	10,947	100	16,754	100	40,973	100									
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	147	13	2,105	20	5,147	29	8,674	22	2.4	2.2 *** ▲	.23	2.1 *** ▲	.41	2.2 *** ▲	.23	
		2	Sometimes	507	45	5,194	47	7,120	44	18,747	46								
		3	Often	310	28	2,537	23	3,213	20	9,270	22								
		4	Very often	162	14	1,150	10	1,272	8	4,323	10								
		Total	1,126	100	10,986	100	16,752	100	41,014	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	520	46	5,159	48	8,820	52	20,012	49	1.8	1.8	.04	1.7 *** ▲	.12	1.8	.05	
		2	Sometimes	374	34	3,699	33	5,133	31	13,127	32								
		3	Often	169	15	1,477	13	2,032	13	5,500	13								
		4	Very often	61	5	602	5	718	4	2,238	6								
		Total	1,124	100	10,937	100	16,703	100	40,877	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	321	28	3,455	33	5,912	35	13,292	33	2.0	2.0 *	.06	1.9 ***	.10	2.0 *	.06	
		2	Sometimes	526	47	4,951	45	7,133	43	17,957	44								
		3	Often	213	20	1,829	16	2,723	17	6,926	17								
		4	Very often	55	5	655	6	874	5	2,546	6								
		Total	1,115	100	10,890	100	16,642	100	40,721	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	264	23	2,948	28	6,157	35	11,094	28	2.1	2.0 **	.10	1.9 ***	.24	2.0 **	.08	
		2	Sometimes	530	48	5,257	48	7,008	43	19,252	47								
		3	Often	266	24	2,012	18	2,684	17	7,692	19								
		4	Very often	57	5	662	6	773	5	2,656	7								
		Total	1,117	100	10,879	100	16,622	100	40,694	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	27	2	339	3	545	3	1,283	3	3.0	2.9 *	.07	2.9 **	.09	2.9 *	.07	
		2	Some	245	22	2,773	26	4,366	27	10,384	26								
		3	Quite a bit	558	50	5,121	46	7,517	45	18,720	46								
		4	Very much	286	25	2,667	25	4,197	25	10,282	25								
		Total	1,116	100	10,900	100	16,625	100	40,669	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	23	2	274	3	421	3	1,088	3	2.9	3.0 ***	-.15	3.0 ***	-.15	3.0 ***	-.11	
		2	Some	298	27	2,268	21	3,447	21	8,878	22								
		3	Quite a bit	548	49	5,203	47	7,793	47	19,370	47								
		4	Very much	243	22	3,103	29	4,912	29	11,202	28								
		Total	1,112	100	10,848	100	16,573	100	40,538	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	35	3	354	4	565	3	1,258	3	2.9	2.9 **	-.09	2.9 *	-.08	2.9 **	-.09	
		2	Some	305	27	2,729	25	4,214	26	10,001	25								
		3	Quite a bit	534	48	4,861	45	7,396	45	18,432	45								
		4	Very much	241	21	2,866	27	4,344	26	10,695	26								
		Total	1,115	100	10,810	100	16,519	100	40,386	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	32	3	628	6	1,188	7	1,994	5	2.9	2.8 ***	.15	2.7 ***	.19	2.8 ***	.10	
		2	Some	276	25	3,249	31	5,089	31	11,313	29								
		3	Quite a bit	552	50	4,672	43	6,897	42	18,069	44								
		4	Very much	251	22	2,229	20	3,316	20	8,971	22								
		Total	1,111	100	10,778	100	16,490	100	40,347	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	34	3	574	6	911	6	1,869	5	2.9	2.8 *** Δ	.10	2.8 *** Δ	.10	2.8	.04	
		2	Some	303	28	3,235	31	4,890	30	11,126	28								
		3	Quite a bit	536	47	4,753	44	7,352	44	18,324	45								
		4	Very much	242	21	2,199	20	3,328	20	8,966	22								
		Total	1,115	100	10,761	100	16,481	100	40,285	100									
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	22	2	186	2	350	2	691	2	3.0	3.0	-.05	3.0	-.01	3.1 *	-.07	
		2	Some	250	22	2,109	20	3,526	21	7,813	20								
		3	Quite a bit	541	49	5,375	49	8,218	50	19,745	48								
		4	Very much	302	27	3,111	29	4,368	27	12,081	30								
		Total	1,115	100	10,781	100	16,462	100	40,330	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	25	2	256	3	394	2	935	3	3.0	3.0	.00	3.0	.03	3.0	.00	
		2	Some	231	20	2,129	20	3,511	21	8,263	21								
		3	Quite a bit	560	50	5,431	50	8,326	51	19,895	49								
		4	Very much	297	27	2,945	27	4,208	26	11,189	28								
		Total	1,113	100	10,761	100	16,439	100	40,282	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	34	3	276	3	478	3	1,032	3	3.0	3.0 *	-.07	3.0	-.04	3.0	-.06	
		2	Some	252	23	2,168	21	3,444	21	8,504	21								
		3	Quite a bit	512	46	5,018	46	7,770	47	18,504	45								
		4	Very much	313	28	3,268	30	4,727	29	12,190	30								
		Total	1,111	100	10,730	100	16,419	100	40,230	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	78	7	1,115	11	2,433	14	3,588	10	2.8	2.6 *** Δ	.17	2.5 *** Δ	.29	2.7 ** Δ	.09	
		2	Some	329	30	3,709	35	6,027	37	13,045	33								
		3	Quite a bit	464	41	3,915	36	5,445	34	15,045	37								
		4	Very much	243	22	1,996	18	2,509	16	8,548	21								
		Total	1,114	100	10,735	100	16,414	100	40,226	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	105	9	1,084	11	2,058	12	3,976	10	2.6	2.6	.02	2.5 ** Δ	.09	2.6	-.02	
		2	Some	413	36	3,904	36	6,261	38	14,031	35								
		3	Quite a bit	427	39	3,986	37	5,886	37	15,126	37								
		4	Very much	170	15	1,734	16	2,189	14	6,962	17								
		Total	1,115	100	10,708	100	16,394	100	40,095	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Legislative Peers		AAU		RU-VH				WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																					
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	98	8	929	8	1,873	10	3,976	9	2.6	2.6	-.03	2.6	.03	2.6	-.01			
		2	Sometimes	406	36	3,888	36	5,990	36	14,193	35										
		3	Often	448	41	4,151	39	6,142	39	15,540	39										
		4	Very often	159	15	1,750	17	2,380	15	6,431	17										
		Total	1,111	100	10,718	100	16,385	100	40,140	100											
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	170	15	1,996	19	3,624	21	7,917	20	2.4	2.3	.05	2.3 ***	.10	2.3	.05			
		2	Sometimes	481	43	4,467	42	6,612	40	16,135	40										
		3	Often	361	33	3,112	29	4,584	29	11,655	29										
		4	Very often	98	9	1,139	11	1,546	10	4,408	11										
		Total	1,110	100	10,714	100	16,366	100	40,115	100											
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	181	15	1,627	15	2,857	17	6,625	16	2.4	2.4	-.01	2.3	.03	2.4	.00			
		2	Sometimes	471	42	4,656	44	7,033	43	16,990	42										
		3	Often	366	34	3,294	31	5,002	31	12,501	31										
		4	Very often	93	9	1,121	10	1,478	9	3,995	10										
		Total	1,111	100	10,698	100	16,370	100	40,111	100											
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																					
a. Up to 5 pages	wrshortnum (Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	26	2	671	8	961	7	2,159	7	7.9	6.0 ***	.34	6.6 ***	.23	6.2 ***	.32			
		1.5	1-2	148	14	2,205	23	3,201	21	7,952	22										
		4	3-5	320	30	3,092	32	4,567	30	11,993	32										
		8	6-10	275	27	2,129	22	3,424	23	8,483	23										
		13	11-15	148	14	824	9	1,471	10	3,375	9										
		18	16-20	76	7	364	4	629	4	1,404	4										
		23	More than 20	60	6	385	4	732	5	1,482	4										
		Total	1,053	100	9,670	100	14,985	100	36,848	100											
b. Between 6 and 10 pages	wrmednum (Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	253	24	3,742	40	5,194	35	12,862	37	2.5	2.0 ***	.18	2.4	.04	2.1 ***	.13			
		1.5	1-2	493	47	3,697	37	5,493	37	14,146	38										
		4	3-5	194	19	1,388	14	2,566	17	6,284	17										
		8	6-10	69	7	495	6	1,108	7	2,274	6										
		13	11-15	25	2	120	1	311	2	552	2										
		18	16-20	7	1	39	0	77	1	155	0										
		23	More than 20	6	1	43	1	108	1	179	1										
		Total	1,047	100	9,524	100	14,857	100	36,452	100											

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Washington State University

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				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. 11 pages or more	wrlongnum	0	None	768	73	7,533	79	10,815	73	27,389	76	.9	.8	.02	1.1 **	-.07	.9	.00	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	208	20	1,305	14	2,634	17	6,186	17								
	4	3-5	33	3	247	3	612	4	1,152	3									
	8	6-10	22	2	166	2	395	3	757	2									
	13	11-15	13	1	80	1	203	2	325	1									
	18	16-20	1	0	38	0	70	1	128	0									
	23	More than 20	4	0	44	1	101	1	177	1									
	Total	1,049	100	9,413	100	14,830	100	36,114	100										
Estimated number of assigned pages of student writing.	wrpages											57.0	45.0 ***	.18	54.0	.04	47.8 ***	.14	
(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																			
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	29	3	353	4	532	4	1,125	3	3.0	3.1	-.01	3.1	-.04	3.1 **	-.09	
		2	Sometimes	260	25	2,446	25	3,578	24	8,094	22								
		3	Often	383	37	3,216	33	4,791	32	12,264	33								
		4	Very often	377	35	3,652	38	6,061	40	15,386	41								
		Total	1,049	100	9,667	100	14,962	100	36,869	100									
b. People from an economic background other than your own	DDeconomic	1	Never	35	3	300	3	611	4	1,175	3	3.0	3.1	-.01	3.0	.05	3.1	-.05	
		2	Sometimes	230	23	2,233	24	3,800	26	8,094	22								
		3	Often	428	40	3,662	38	5,451	37	13,694	37								
		4	Very often	354	34	3,438	35	5,068	34	13,829	37								
		Total	1,047	100	9,633	100	14,930	100	36,792	100									
c. People with religious beliefs other than your own	DDreligion	1	Never	50	5	431	5	715	5	1,507	4	3.0	3.0	-.06	3.0 *	-.06	3.1 ***	-.12	
		2	Sometimes	279	27	2,350	25	3,587	25	8,344	23								
		3	Often	367	35	3,307	34	5,045	34	12,537	34								
		4	Very often	352	33	3,545	36	5,573	37	14,383	39								
		Total	1,048	100	9,633	100	14,920	100	36,771	100									
d. People with political views other than your own	DDpolitical	1	Never	48	5	399	4	845	5	1,627	4	3.0	3.0	-.05	2.9 ***	.11	3.0	-.02	
		2	Sometimes	263	25	2,348	25	4,703	31	9,724	26								
		3	Often	379	36	3,266	34	4,741	32	12,193	33								
		4	Very often	359	34	3,596	37	4,618	31	13,195	37								
		Total	1,049	100	9,609	100	14,907	100	36,739	100									

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	19	2	176	2	284	2	645	2	3.0	3.0	-.01	3.0	-.01	3.0	-.04	
		2	Sometimes	220	21	2,124	23	3,370	24	7,715	22								
		3	Often	548	53	4,635	48	7,174	48	17,692	48								
		4	Very often	259	24	2,650	26	4,016	27	10,547	28								
		Total	1,046	100	9,585	100	14,844	100	36,599	100									
b. Reviewed your notes after class	LSnotes	1	Never	56	6	450	5	1,001	7	1,765	5	2.8	2.9 *** ▽	-.11	2.7	.02	2.8 ** ▽	-.10	
		2	Sometimes	366	36	3,039	32	5,362	36	11,460	32								
		3	Often	370	36	3,363	35	4,968	34	12,992	35								
		4	Very often	252	23	2,726	28	3,497	24	10,365	28								
		Total	1,044	100	9,578	100	14,828	100	36,582	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	101	10	627	7	1,037	7	2,196	6	2.7	2.8 *** ▽	-.11	2.7 * ▽	-.07	2.8 *** ▽	-.12	
		2	Sometimes	339	32	3,136	33	5,102	34	11,693	33								
		3	Often	410	39	3,614	38	5,557	38	14,081	38								
		4	Very often	195	18	2,146	22	3,084	21	8,425	22								
		Total	1,045	100	9,523	100	14,780	100	36,395	100									
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	8	1	54	1	108	1	267	1	5.3	5.5 *** ▽	-.18	5.4 ** ▽	-.10	5.4 *** ▽	-.10	
		2		17	2	98	1	186	1	408	1								
		3		38	4	328	4	638	4	1,532	4								
		4		122	12	953	10	1,716	12	4,149	12								
		5		419	41	3,082	32	4,942	33	12,456	34								
		6		256	25	3,009	31	4,131	28	10,296	28								
		7	Very much	173	16	2,021	21	3,049	20	7,354	20								
		Total	1,033	100	9,545	100	14,770	100	36,462	100									
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		113	11	762	8	1,628	11	3,083	9	9%	8%	.02	8%	.03	9%	.00	
		Do not plan to do		55	6	297	3	677	4	1,392	4								
		Plan to do		780	74	7,684	80	11,319	77	28,924	78								
		Done or in progress		91	9	779	8	1,122	8	3,028	9								
		Total		1,039	100	9,522	100	14,746	100	36,427	100								
		(Means indicate the percentage who responded "Done or in progress.")																	

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	232	22	2,161	23	3,494	24	8,539	24	14%	13%	.03	12%	.05	12%	.05	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	224	22	1,501	17	2,827	19	6,747	19									
	Plan to do	437	42	4,588	47	6,669	45	16,754	45										
	Done or in progress	144	14	1,237	13	1,731	12	4,297	12										
	Total	1,037	100	9,487	100	14,721	100	36,337	100										
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	358	34	2,368	26	3,974	27	9,489	26	9%	19% *** ▽	-.29	18% *** ▽	-.25	18% *** ▽	-.27	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	300	30	3,049	32	4,486	31	10,787	30									
	Plan to do	275	27	2,043	22	3,647	25	9,255	25										
	Done or in progress	99	9	2,025	19	2,578	18	6,725	18										
	Total	1,032	100	9,485	100	14,685	100	36,256	100										
d. Participate in a study abroad program	abroad		Have not decided	266	26	2,341	25	3,529	24	8,602	24	2%	4% * ▽	-.09	4% * ▽	-.09	4% * ▽	-.07	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	294	30	2,090	23	3,255	23	7,930	23									
	Plan to do	446	42	4,723	48	7,388	49	18,499	49										
	Done or in progress	27	2	329	4	518	4	1,229	4										
	Total	1,033	100	9,483	100	14,690	100	36,260	100										
e. Work with a faculty member on a research project	research		Have not decided	348	34	3,234	34	4,671	32	12,041	34	8%	7%	.03	6% * △	.07	6% * △	.07	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	240	24	1,800	19	2,512	17	7,164	20									
	Plan to do	363	35	3,778	40	6,713	45	15,004	41										
	Done or in progress	84	8	627	7	763	6	1,956	6										
	Total	1,035	100	9,439	100	14,659	100	36,165	100										
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	249	25	3,220	35	5,090	34	11,407	32	2%	2%	-.01	2%	-.01	2%	-.03	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	80	8	963	11	1,646	11	3,547	10									
	Plan to do	683	66	5,092	53	7,663	53	20,460	56										
	Done or in progress	18	2	162	2	250	2	756	2										
	Total	1,030	100	9,437	100	14,649	100	36,170	100										

12. About how many of your courses at this institution have included a community-based project (service-learning)?

servcourse	1	None	530	52	5,154	55	8,370	57	19,493	54	1.6	1.5	.05	1.5 * △	.07	1.5	.02
	2	Some	441	42	3,706	39	5,317	37	14,187	40							
	3	Most	53	5	472	5	774	5	2,004	6							
	4	All	8	1	101	1	155	1	415	1							
	Total		1,032	100	9,433	100	14,616	100	36,099	100							

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	20	2	83	1	200	1	445	1	5.3	5.5 *** ▽	-.16	5.4	-.04	5.5 ** ▽	-.10	
		2		19	2	138	2	325	2	645	2								
		3		52	5	374	4	806	5	1,719	5								
		4		143	14	1,012	11	1,843	13	4,194	12								
		5		285	28	2,438	26	4,124	28	9,582	26								
		6		303	29	2,908	30	4,054	28	10,283	28								
		7	Excellent	209	20	2,488	26	3,217	22	9,198	25								
		—	Not applicable	0	0	33	0	81	1	147	0								
		Total		1,031	100	9,474	100	14,650	100	36,213	100								
b. Academic advisors	QIadvisor	1	Poor	19	2	213	2	531	3	1,062	3	5.3	5.3	.00	5.0 *** △	.14	5.2	.06	
		2		46	4	388	4	688	4	1,640	4								
		3		79	7	682	7	1,223	8	2,828	8								
		4		153	15	1,271	13	2,162	15	5,224	14								
		5		227	23	2,002	21	3,157	22	7,807	21								
		6		210	20	2,222	23	3,005	21	7,893	22								
		7	Excellent	297	29	2,562	27	2,856	20	9,034	25								
		—	Not applicable	1	0	124	2	1,023	6	679	2								
		Total		1,032	100	9,464	100	14,645	100	36,167	100								
c. Faculty	QIfaculty	1	Poor	20	2	129	1	370	2	586	2	5.1	5.2 ** ▽	-.08	5.1	.02	5.2 * ▽	-.07	
		2		28	3	277	3	539	4	1,028	3								
		3		70	6	564	6	1,106	7	2,308	6								
		4		194	19	1,457	16	2,299	15	5,665	16								
		5		292	29	2,529	27	3,930	27	10,010	27								
		6		242	23	2,740	28	3,796	27	9,814	27								
		7	Excellent	177	17	1,662	18	2,107	15	6,294	18								
		—	Not applicable	6	1	81	1	447	3	366	1								
		Total		1,029	100	9,439	100	14,594	100	36,071	100								

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	24	2	232	3	519	3	1,136	3	5.0	5.1 ** ▽	-.10	5.0	.01	5.0	-.04	
		2		40	4	294	3	589	4	1,393	4								
		3		92	9	642	7	1,132	8	2,697	7								
		4		169	17	1,344	14	2,215	15	5,507	15								
		5		269	27	2,278	24	3,376	23	8,410	23								
		6		212	21	2,236	23	2,984	21	7,912	22								
		7	Excellent	166	16	1,804	19	2,170	15	6,319	18								
		—	Not applicable	59	6	604	7	1,610	10	2,691	8								
	Total	1,031	100	9,434	100	14,595	100	36,065	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	38	4	294	3	583	4	1,419	4	4.9	5.0	-.05	4.9	.02	4.9	.02	
		2		45	4	386	4	659	4	1,792	5								
		3		87	8	676	7	1,172	8	3,035	8								
		4		192	19	1,417	15	2,257	15	5,881	16								
		5		223	22	2,078	22	3,264	22	8,136	22								
		6		191	18	1,945	20	2,783	19	6,976	19								
		7	Excellent	173	17	1,485	16	1,977	14	5,241	15								
		—	Not applicable	82	8	1,169	12	1,913	13	3,646	10								
	Total	1,031	100	9,450	100	14,608	100	36,126	100										
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	11	1	92	1	193	1	456	1	3.1	3.2 *** ▽	-.14	3.2 *** ▽	-.11	3.2	-.04	
		2	Some	162	16	1,167	13	2,006	15	5,684	16								
		3	Quite a bit	510	51	4,235	47	6,321	46	16,418	47								
		4	Very much	312	31	3,517	38	5,546	38	12,134	35								
			Total	995	100	9,011	100	14,066	100	34,692	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	25	3	224	3	535	4	957	3	3.0	3.1 *** ▽	-.12	3.0	.05	3.1 *	-.07	
		2	Some	207	21	1,601	19	3,330	23	6,828	20								
		3	Quite a bit	487	49	3,952	44	6,391	45	15,516	45								
		4	Very much	274	27	3,176	35	3,736	28	11,156	32								
			Total	993	100	8,953	100	13,992	100	34,457	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	53	6	410	5	885	6	1,764	5	3.1	3.1	-.04	2.9 *** △	.14	3.1	.01	
		2	Some	161	17	1,495	18	3,262	23	6,353	19								
		3	Quite a bit	422	43	3,507	39	5,808	41	13,872	40								
		4	Very much	353	35	3,524	38	4,032	30	12,455	36								
			Total	989	100	8,936	100	13,987	100	34,444	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

Washington State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	109	11	798	9	1,702	12	2,943	9	2.7	2.8 *	-0.08	2.7	.01	2.8 **	-0.10	
		2	Some	281	28	2,535	28	4,209	30	9,583	28								
		3	Quite a bit	376	39	3,205	36	4,935	36	12,584	36								
		4	Very much	220	22	2,403	26	3,140	23	9,340	27								
		Total	986	100	8,941	100	13,986	100	34,450	100									
e. Providing opportunities to be involved socially	SEsocial	1	Very little	40	4	298	4	891	6	1,397	4	3.0	3.1 ***	-0.13	2.9 *	.07	3.0 *	-0.07	
		2	Some	219	23	1,735	20	3,556	25	7,258	21								
		3	Quite a bit	445	45	3,755	42	5,865	42	14,528	42								
		4	Very much	281	28	3,128	35	3,637	27	11,235	32								
		Total	985	100	8,916	100	13,949	100	34,418	100									
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	42	4	353	4	943	6	1,518	5	3.0	3.1	-0.05	2.9 ***	.10	3.0	-0.01	
		2	Some	201	21	1,722	20	3,343	23	7,101	21								
		3	Quite a bit	431	44	3,694	41	5,772	41	14,344	41								
		4	Very much	310	31	3,132	35	3,889	29	11,389	33								
		Total	984	100	8,901	100	13,947	100	34,352	100									
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	205	21	1,591	19	3,429	23	6,455	19	2.3	2.4 *	-0.08	2.3	.06	2.4 *	-0.07	
		2	Some	380	39	3,469	39	5,489	39	13,032	38								
		3	Quite a bit	286	29	2,545	28	3,579	27	10,022	29								
		4	Very much	112	11	1,285	14	1,444	11	4,825	14								
		Total	983	100	8,890	100	13,941	100	34,334	100									
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	46	5	393	5	1,285	8	1,905	6	2.9	3.0 *	-0.07	2.7 ***	.21	2.9	.00	
		2	Some	229	24	1,937	22	4,263	30	8,304	24								
		3	Quite a bit	437	45	3,756	42	5,477	40	14,260	41								
		4	Very much	270	26	2,786	31	2,892	22	9,852	29								
		Total	982	100	8,872	100	13,917	100	34,321	100									
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	105	11	1,001	12	1,871	13	3,803	12	2.6	2.6	-0.02	2.5 *	.07	2.6	-0.02	
		2	Some	346	36	3,032	35	5,101	37	11,781	35								
		3	Quite a bit	369	38	3,141	35	4,885	35	12,363	35								
		4	Very much	163	16	1,695	19	2,055	15	6,335	18								
		Total	983	100	8,869	100	13,912	100	34,282	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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Washington State University

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				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
15. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	30	0	56	0	140	0	16.0	16.2	-.02	16.9 **	-.10	15.6	.05	
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	67	7	679	8	1,105	8	3,228	10								
		8	6-10 hrs	195	20	1,749	20	2,429	17	7,000	21								
		13	11-15 hrs	224	23	1,959	22	2,845	21	7,753	22								
		18	16-20 hrs	233	23	1,903	21	2,901	21	7,156	21								
		23	21-25 hrs	139	14	1,251	14	2,073	15	4,452	13								
		28	26-30 hrs	51	5	693	8	1,192	8	2,275	7								
		33	More than 30 hrs	69	7	624	7	1,287	9	2,319	7								
		Total		978	100	8,888	100	13,888	100	34,323	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	237	24	1,684	20	3,569	25	8,330	25	7.0	6.3 **	.10	5.9 ***	.18	6.1 ***	.14	
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	326	32	3,486	39	5,293	38	12,501	36								
		8	6-10 hrs	171	17	1,901	21	2,493	19	6,564	19								
		13	11-15 hrs	110	11	941	11	1,255	10	3,450	10								
		18	16-20 hrs	79	9	474	6	707	5	1,845	5								
		23	21-25 hrs	29	3	188	2	309	2	845	3								
		28	26-30 hrs	13	1	75	1	103	1	267	1								
		33	More than 30 hrs	15	2	91	1	112	1	382	1								
		Total		980	100	8,840	100	13,841	100	34,184	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	748	76	6,669	76	11,096	79	26,952	80	2.6	2.7	-.03	2.4	.02	2.5	.02	
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	44	4	282	3	392	3	1,034	3								
		8	6-10 hrs	77	8	785	8	922	7	2,401	6								
		13	11-15 hrs	67	7	686	7	880	7	2,078	6								
		18	16-20 hrs	32	3	296	3	341	3	1,081	3								
		23	21-25 hrs	6	1	85	1	155	1	444	1								
		28	26-30 hrs	3	0	20	0	31	0	97	0								
		33	More than 30 hrs	3	0	32	0	36	0	145	0								
		Total		980	100	8,855	100	13,853	100	34,232	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	801	81	7,120	81	10,451	77	25,669	75	2.9	2.5	.06	3.0	-.01	3.7 ***	-.10	
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	35	4	406	4	719	5	1,502	4								
	8	6-10 hrs	31	3	391	4	780	5	1,653	5									
	13	11-15 hrs	34	4	326	4	734	5	1,655	5									
	18	16-20 hrs	29	3	297	3	646	4	1,640	5									
	23	21-25 hrs	18	2	159	2	299	2	1,072	3									
	28	26-30 hrs	16	2	57	1	119	1	484	1									
	33	More than 30 hrs	17	2	83	1	120	1	564	2									
	Total		981	100	8,839	100	13,868	100	34,239	100									
Estimated number of hours working for pay	tmworkhrs										5.5	5.2	.03	5.4	.01	6.1 *	-.07		
(Continuous variable created by NSSE)																			
e. Doing community service or volunteer work	tmservehrs	0	0 hrs	513	54	4,903	57	8,454	61	19,288	57	2.4	2.2	.06	2.2	.06	2.4	.01	
	(Recoded version of tmserve created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	345	34	3,064	33	3,943	28	10,901	32								
	8	6-10 hrs	70	7	490	5	715	5	2,007	6									
	13	11-15 hrs	33	4	187	2	339	2	968	3									
	18	16-20 hrs	9	1	104	1	218	2	525	2									
	23	21-25 hrs	6	1	40	1	118	1	274	1									
	28	26-30 hrs	2	0	17	0	23	0	71	0									
	33	More than 30 hrs	1	0	24	0	30	0	107	0									
	Total		979	100	8,829	100	13,840	100	34,141	100									
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	6	1	92	1	182	1	454	1	12.6	12.8	-.02	12.9	-.04	12.9	-.04	
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	192	18	1,502	17	2,382	17	5,809	17								
	8	6-10 hrs	298	30	2,548	28	3,868	27	9,424	27									
	13	11-15 hrs	206	22	2,053	23	3,162	23	7,920	23									
	18	16-20 hrs	129	14	1,317	15	2,071	15	5,116	15									
	23	21-25 hrs	59	6	638	7	972	7	2,400	7									
	28	26-30 hrs	29	3	255	3	423	3	1,017	3									
	33	More than 30 hrs	58	6	434	5	783	6	2,049	6									
	Total		977	100	8,839	100	13,843	100	34,189	100									

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				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	835	86	7,730	87	11,033	81	28,452	83	1.3	1.2	.02	1.7 **	-.09	1.6 *	-.06	
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	72	7	541	6	1,349	9	2,650	8								
	8	6-10 hrs	31	3	210	2	556	4	1,134	3									
	13	11-15 hrs	17	2	140	2	371	2	802	2									
	18	16-20 hrs	5	1	86	1	254	2	492	2									
	23	21-25 hrs	5	1	47	1	135	1	283	1									
	28	26-30 hrs	0	0	18	0	38	0	72	0									
	33	More than 30 hrs	11	1	43	1	84	1	258	1									
	Total			976	100	8,815	100	13,820	100	34,143	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	306	31	3,114	36	4,362	33	13,652	39	3.9	3.7	.04	4.5 **	-.09	3.9	.01	
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	476	49	4,045	44	5,499	40	13,239	39								
	8	6-10 hrs	119	12	1,027	12	2,146	15	4,183	13									
	13	11-15 hrs	39	4	357	4	1,065	7	1,638	5									
	18	16-20 hrs	16	2	151	2	418	3	747	2									
	23	21-25 hrs	9	1	70	1	209	1	366	1									
	28	26-30 hrs	3	0	30	0	65	0	109	0									
	33	More than 30 hrs	11	1	59	1	99	1	283	1									
	Total			979	100	8,853	100	13,863	100	34,217	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
reading	1	Very little	115	12	1,339	17	1,878	14	4,801	15	2.7	2.5 ***	.12	2.7	-.04	2.6	.05		
	2	Some	350	37	3,265	38	4,464	34	11,993	36									
	3	About half	290	29	2,328	25	3,636	26	9,323	26									
	4	Most	165	17	1,455	15	2,795	19	6,024	17									
	5	Almost all	56	5	466	5	1,082	7	2,071	6									
	Total	976	100	8,853	100	13,855	100	34,212	100										
tmreadinghrs											6.7	6.5	.05	7.3 **	-.10	6.5	.04		
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
	tmreadinghrscol	1	0 hrs	0	0	28	0	54	0	138	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	444	47	4,365	52	5,978	45	16,851	51								
		3	More than 5, up to 10 hrs	334	34	2,629	29	4,305	31	10,212	29								
		4	More than 10, up to 15 hrs	114	11	940	10	1,623	11	3,582	10								
		5	More than 15, up to 20 hrs	44	4	454	5	939	6	1,825	5								
		6	More than 20, up to 25 hrs	27	3	314	3	665	4	1,101	3								
		7	More than 25 hrs	8	1	87	1	234	1	378	1								
		Total	971	100	8,817	100	13,798	100	34,087	100									
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																			
a. Writing clearly and effectively	pgwrite	1	Very little	66	7	1,059	12	1,717	13	3,251	10	2.7	2.6 *** ▲	.14	2.6 *** ▲	.20	2.7 * ▲	.07	
	2	Some	294	31	2,839	32	4,721	34	10,362	31									
	3	Quite a bit	437	45	3,370	38	5,292	38	13,874	40									
	4	Very much	177	18	1,550	17	2,069	15	6,614	19									
	Total	974	100	8,818	100	13,799	100	34,101	100										
b. Speaking clearly and effectively	pgspeak	1	Very little	142	15	1,346	16	2,615	19	4,712	14	2.5	2.5	.03	2.4 *** ▲	.14	2.5	-.03	
	2	Some	334	34	3,109	35	5,057	37	11,536	34									
	3	Quite a bit	349	35	3,007	34	4,458	32	12,196	36									
	4	Very much	150	15	1,341	15	1,670	12	5,599	16									
	Total	975	100	8,803	100	13,800	100	34,043	100										
c. Thinking critically and analytically	pgthink	1	Very little	31	4	279	3	474	4	1,080	3	3.0	3.1 * ▼	-.07	3.0	-.04	3.1	-.05	
	2	Some	205	21	1,673	19	2,687	20	6,628	20									
	3	Quite a bit	446	46	3,939	44	6,224	45	15,400	44									
	4	Very much	292	29	2,911	33	4,409	32	10,931	32									
	Total	974	100	8,802	100	13,794	100	34,039	100										
d. Analyzing numerical and statistical information	pganalyze	1	Very little	104	10	931	10	1,805	12	3,809	11	2.7	2.8 ** ▼	-.09	2.7	-.05	2.7 * ▼	-.07	
	2	Some	321	32	2,541	28	3,948	28	9,852	29									
	3	Quite a bit	363	38	3,302	38	4,917	36	12,711	37									
	4	Very much	185	20	2,028	24	3,120	23	7,673	23									
	Total	973	100	8,802	100	13,790	100	34,045	100										

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Acquiring job- or work- related knowledge and skills	pgwork	1	Very little	140	14	1,079	12	2,550	17	4,638	14	2.6	2.6 *	-0.08	2.5 *	.07	2.6	-0.04	
		2	Some	326	33	2,926	33	4,813	34	11,244	33								
		3	Quite a bit	344	35	3,071	35	4,324	32	11,771	34								
		4	Very much	167	17	1,724	20	2,106	17	6,378	19								
		Total	977	100	8,800	100	13,793	100	34,031	100									
f. Working effectively with others	pgothers	1	Very little	65	7	567	7	1,406	10	2,326	7	2.8	2.8	-0.04	2.7 **	.10	2.8	-0.02	
		2	Some	285	30	2,574	30	4,470	32	9,931	30								
		3	Quite a bit	424	43	3,612	40	5,326	39	13,877	40								
		4	Very much	202	21	2,041	23	2,578	19	7,872	23								
		Total	976	100	8,794	100	13,780	100	34,006	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	117	12	1,151	14	2,096	15	4,232	13	2.6	2.6	.01	2.5 **	.10	2.6	-0.02	
		2	Some	287	29	2,662	30	4,518	33	10,131	30								
		3	Quite a bit	400	42	3,160	35	4,894	35	12,563	36								
		4	Very much	169	17	1,814	20	2,280	17	7,089	21								
		Total	973	100	8,787	100	13,788	100	34,015	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	88	9	835	10	1,613	12	2,975	9	2.7	2.7	.01	2.7	.06	2.8	-0.04	
		2	Some	277	29	2,569	30	4,036	29	9,508	28								
		3	Quite a bit	402	41	3,305	37	5,208	38	12,925	37								
		4	Very much	208	21	2,089	23	2,928	21	8,617	25								
		Total	975	100	8,798	100	13,785	100	34,025	100									
i. Solving complex real- world problems	pgprobsolve	1	Very little	99	10	935	11	1,725	12	3,653	11	2.6	2.7	-0.05	2.6	.02	2.6	-0.03	
		2	Some	331	34	2,845	32	4,744	34	11,161	33								
		3	Quite a bit	379	39	3,240	36	4,816	35	12,466	36								
		4	Very much	162	16	1,768	20	2,489	19	6,723	20								
		Total	971	100	8,788	100	13,774	100	34,003	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	103	11	994	12	1,907	14	3,636	12	2.6	2.6	.02	2.6 **	.09	2.7	-0.01	
		2	Some	319	33	2,799	32	4,556	33	10,652	32								
		3	Quite a bit	361	37	3,244	36	4,834	35	12,663	37								
		4	Very much	185	19	1,714	19	2,430	18	6,940	20								
		Total	968	100	8,751	100	13,727	100	33,891	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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Statistical Comparisons^b

Your first-year students compared with

				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	19	2	119	2	335	2	533	2	3.2	3.3 *** ▽	-.15	3.2	.03	3.2 ** ▽	-.10	
		2	Fair	117	13	849	10	2,072	14	3,719	11								
		3	Good	500	51	4,121	46	6,765	49	16,434	48								
		4	Excellent	334	34	3,733	42	4,615	35	13,359	39								
		Total		970	100	8,822	100	13,787	100	34,045	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	30	3	194	3	383	3	901	3	3.3	3.4 *** ▽	-.13	3.3	.01	3.3	-.04	
		2	Probably no	110	12	734	9	1,617	11	3,527	10								
		3	Probably yes	395	41	3,408	39	6,024	43	14,124	41								
		4	Definitely yes	436	44	4,492	50	5,775	42	15,539	45								
		Total		971	100	8,828	100	13,799	100	34,091	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	27	2	468	4	884	5	2,063	4	3.0	2.9 *** Δ	.13	2.8 *** Δ	.23	2.9 *** Δ	.11	
		2	Sometimes	334	28	4,630	33	6,991	36	18,000	32								
		3	Often	404	34	4,590	32	5,875	31	18,185	32								
		4	Very often	435	36	4,611	32	5,433	28	18,999	33								
		Total	1,200	100	14,299	100	19,183	100	57,247	100									
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	256	22	3,730	27	5,351	28	14,019	25	2.4	2.2 *** Δ	.15	2.2 *** Δ	.17	2.3 ** Δ	.08	
		2	Sometimes	442	37	5,332	37	7,037	37	20,923	37								
		3	Often	291	24	3,265	23	4,250	22	13,659	24								
		4	Very often	205	17	1,848	13	2,422	13	8,229	14								
		Total	1,194	100	14,175	100	19,060	100	56,830	100									
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	79	7	1,176	9	2,033	11	4,622	8	2.9	2.8 *** Δ	.18	2.7 *** Δ	.26	2.8 *** Δ	.13	
		2	Often	200	17	2,719	19	4,332	22	10,470	18								
		3	Sometimes	630	52	7,861	55	9,985	53	31,193	55								
		4	Never	289	24	2,370	16	2,672	15	10,473	19								
		Total	1,198	100	14,126	100	19,022	100	56,758	100									
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	620	52	5,500	40	7,262	39	24,213	43	1.6	1.9 *** ▽	-.25	1.9 *** ▽	-.26	1.8 *** ▽	-.21	
		2	Sometimes	427	35	5,855	41	8,021	42	21,836	39								
		3	Often	107	9	1,807	12	2,512	13	6,746	12								
		4	Very often	43	3	903	6	1,157	6	3,826	7								
		Total	1,197	100	14,065	100	18,952	100	56,621	100									
e. Asked another student to help you understand course material	CLaskhelp	1	Never	135	11	1,139	9	1,899	10	5,787	11	2.6	2.6	.00	2.6	.05	2.5 * Δ	.06	
		2	Sometimes	427	36	5,483	40	7,785	41	23,132	41								
		3	Often	403	33	4,739	33	5,982	31	17,902	31								
		4	Very often	229	19	2,669	18	3,269	17	9,695	17								
		Total	1,194	100	14,030	100	18,935	100	56,516	100									
f. Explained course material to one or more students	CLexplain	1	Never	60	5	407	3	692	3	2,283	4	2.9	2.9	.00	2.8	.06	2.8	.05	
		2	Sometimes	348	29	4,422	32	6,598	34	18,921	33								
		3	Often	491	41	5,855	42	7,505	40	22,457	40								
		4	Very often	292	25	3,322	23	4,107	22	12,775	23								
		Total	1,191	100	14,006	100	18,902	100	56,436	100									

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NSSE 2017 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	196	16	1,822	14	2,818	15	7,956	15	2.6	2.6	.01	2.5 *	.07	2.6	.02	
		2	Sometimes	352	30	4,815	35	6,838	36	19,371	34								
		3	Often	374	31	4,178	29	5,520	29	16,944	30								
		4	Very often	269	22	3,145	22	3,670	19	11,993	21								
		Total	1,191	100	13,960	100	18,846	100	56,264	100									
h. Worked with other students on course projects or assignments	CLproject	1	Never	43	4	525	4	1,065	5	2,772	5	3.0	3.0 *	.07	2.9 ***	.15	2.9 ***	.13	
		2	Sometimes	268	22	3,684	27	5,552	29	15,657	28								
		3	Often	475	40	5,141	37	6,694	36	20,476	36								
		4	Very often	405	34	4,562	32	5,489	30	17,232	31								
		Total	1,191	100	13,912	100	18,800	100	56,137	100									
i. Given a course presentation	present	1	Never	116	10	1,334	10	1,796	10	5,734	11	2.7	2.6	.03	2.6 *	.06	2.7	.02	
		2	Sometimes	417	35	5,002	36	7,327	39	19,669	35								
		3	Often	380	31	4,548	33	5,860	31	17,861	32								
		4	Very often	276	23	3,019	21	3,806	20	12,857	22								
		Total	1,189	100	13,903	100	18,789	100	56,121	100									
2. During the current school year, about how often have you done the following?																			
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	23	2	310	2	546	3	1,653	3	3.0	3.0 *	.07	2.9 ***	.15	2.9 ***	.10	
		2	Sometimes	253	22	3,591	27	5,402	29	14,922	27								
		3	Often	571	47	5,784	42	7,873	42	23,214	41								
		4	Very often	342	29	3,958	29	4,728	26	15,658	28								
		Total	1,189	100	13,643	100	18,549	100	55,447	100									
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	75	7	991	8	1,570	9	4,344	9	2.8	2.7 **	.09	2.7 ***	.14	2.7 **	.09	
		2	Sometimes	345	30	4,656	35	6,460	36	18,445	34								
		3	Often	476	39	4,763	34	6,429	34	19,377	34								
		4	Very often	294	24	3,161	23	4,037	21	13,075	23								
		Total	1,190	100	13,571	100	18,496	100	55,241	100									
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	159	15	2,085	17	3,089	18	8,310	16	2.5	2.5	.06	2.4 **	.09	2.5	.02	
		2	Sometimes	421	36	5,163	38	6,762	37	19,677	36								
		3	Often	387	31	3,762	27	5,259	28	16,225	29								
		4	Very often	220	18	2,483	18	3,301	17	10,822	19								
		Total	1,187	100	13,493	100	18,411	100	55,034	100									

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Washington State University

Seniors

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				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	52	5	734	6	1,103	6	2,882	6	2.8	2.8 *	.06	2.7 **	.09	2.8	.03	
		2	Sometimes	336	29	4,401	32	6,087	33	17,165	31								
		3	Often	565	47	5,567	41	7,685	41	23,126	42								
		4	Very often	229	19	2,727	20	3,453	19	11,605	21								
		Total	1,182	100	13,429	100	18,328	100	54,778	100									
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	40	4	519	4	742	4	1,826	4	2.9	2.9	.05	2.9 *	.06	2.9	-.01	
		2	Sometimes	274	24	3,745	28	5,094	29	14,315	27								
		3	Often	569	48	5,682	42	7,955	43	23,665	43								
		4	Very often	294	24	3,395	25	4,430	24	14,694	27								
		Total	1,177	100	13,341	100	18,221	100	54,500	100									
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	20	2	297	3	392	3	1,160	2	2.9	2.9	.05	2.9	.03	2.9	.01	
		2	Sometimes	312	27	3,800	29	4,866	28	14,771	28								
		3	Often	537	45	5,904	44	8,277	45	24,189	44								
		4	Very often	307	25	3,280	24	4,590	25	14,115	26								
		Total	1,176	100	13,281	100	18,125	100	54,235	100									
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	11	1	113	1	200	1	568	1	3.2	3.2	.06	3.1 ***	.11	3.2 **	.08	
		2	Sometimes	145	13	2,146	17	3,199	18	9,098	17								
		3	Often	574	49	6,131	46	8,544	46	25,173	46								
		4	Very often	440	37	4,830	36	6,121	34	19,179	35								
		Total	1,170	100	13,220	100	18,064	100	54,018	100									
3. During the current school year, about how often have you done the following?																			
a. Talked about career plans with a faculty member	SFcareer	1	Never	175	15	2,173	18	4,115	22	9,591	19	2.5	2.4 ***	.10	2.2 ***	.26	2.4 ***	.10	
		2	Sometimes	474	40	5,687	43	8,028	45	22,587	42								
		3	Often	305	26	3,238	24	3,692	20	13,018	24								
		4	Very often	219	18	2,111	15	2,234	12	8,856	16								
		Total	1,173	100	13,209	100	18,069	100	54,052	100									
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	459	40	5,169	41	7,988	44	22,216	42	2.0	2.0	.02	1.9 ***	.11	2.0	.05	
		2	Sometimes	379	32	4,338	32	5,703	31	17,253	32								
		3	Often	192	16	2,148	16	2,692	15	8,679	16								
		4	Very often	139	12	1,507	11	1,652	9	5,767	11								
		Total	1,169	100	13,162	100	18,035	100	53,915	100									

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				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	276	23	3,178	25	4,891	27	14,055	26	2.2	2.1 *	.06	2.1 ****	.13	2.1 *	.07	
		2	Sometimes	507	43	6,014	46	8,167	45	23,483	44								
		3	Often	269	23	2,657	20	3,454	19	10,891	20								
		4	Very often	117	10	1,266	10	1,469	8	5,301	10								
		Total	1,169	100	13,115	100	17,981	100	53,730	100									
d. Discussed your academic performance with a faculty member	SFperform	1	Never	239	21	3,629	29	5,953	32	13,678	26	2.2	2.0 ***	.16	2.0 ***	.25	2.1 *	.08	
		2	Sometimes	578	49	6,124	46	8,103	45	24,667	46								
		3	Often	253	22	2,379	18	2,807	16	10,693	20								
		4	Very often	97	8	976	7	1,108	6	4,671	8								
		Total	1,167	100	13,108	100	17,971	100	53,709	100									
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	82	7	951	7	1,234	7	3,764	7	2.8	2.7	.01	2.8	-.02	2.8	-.02	
		2	Some	358	31	4,213	32	5,589	32	16,214	31								
		3	Quite a bit	480	41	5,164	39	7,004	39	21,486	40								
		4	Very much	252	21	2,807	21	4,150	23	12,290	22								
		Total	1,172	100	13,135	100	17,977	100	53,754	100									
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	41	3	331	3	601	3	1,524	3	3.1	3.1	.02	3.0 **	.09	3.1	.05	
		2	Some	200	17	2,386	18	3,618	20	10,408	19								
		3	Quite a bit	502	43	5,938	45	8,125	45	23,876	44								
		4	Very much	425	36	4,437	34	5,582	32	17,789	33								
		Total	1,168	100	13,092	100	17,926	100	53,597	100									
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	44	4	538	4	817	5	2,033	4	3.0	3.0	.03	3.0 *	.06	3.0	.01	
		2	Some	250	21	2,947	23	4,239	24	11,862	22								
		3	Quite a bit	508	43	5,552	42	7,503	42	22,500	42								
		4	Very much	366	31	3,997	31	5,301	30	17,025	32								
		Total	1,168	100	13,034	100	17,860	100	53,420	100									
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	80	7	1,072	9	1,574	9	3,966	8	2.8	2.7 ***	.11	2.7 ***	.12	2.8	.03	
		2	Some	306	27	3,884	30	5,213	30	14,463	28								
		3	Quite a bit	477	40	5,143	39	7,006	39	21,427	39								
		4	Very much	303	25	2,921	22	4,057	22	13,520	25								
		Total	1,166	100	13,020	100	17,850	100	53,376	100									

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	52	5	746	6	1,114	7	2,825	6	2.9	2.8 *** Δ	.12	2.8 *** Δ	.14	2.9 *	.06	
		2	Some	275	24	3,640	29	5,081	29	13,954	27								
		3	Quite a bit	530	45	5,471	41	7,424	41	22,690	42								
		4	Very much	310	26	3,116	24	4,178	23	13,789	25								
		Total	1,167	100	12,973	100	17,797	100	53,258	100									
5. During the current school year, to what extent have your instructors done the following?																			
a. Clearly explained course goals and requirements	ETgoals	1	Very little	21	2	227	2	386	2	1,026	2	3.1	3.1	.02	3.1 ** Δ	.09	3.1	.02	
		2	Some	191	16	2,252	17	3,513	19	9,622	18								
		3	Quite a bit	566	49	6,293	48	8,676	48	24,546	46								
		4	Very much	389	33	4,249	33	5,237	30	18,115	34								
		Total	1,167	100	13,021	100	17,812	100	53,309	100									
b. Taught course sessions in an organized way	ETorganize	1	Very little	38	3	278	2	423	2	1,445	3	3.0	3.1	-.05	3.0	.03	3.1	-.02	
		2	Some	216	18	2,382	18	3,797	21	10,350	19								
		3	Quite a bit	568	49	6,449	49	8,863	49	25,144	47								
		4	Very much	344	29	3,892	30	4,716	27	16,332	31								
		Total	1,166	100	13,001	100	17,799	100	53,271	100									
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	38	3	302	3	483	3	1,475	3	3.0	3.1 *** ▽	-.12	3.1	-.05	3.1 *	-.08	
		2	Some	242	21	2,270	17	3,591	20	10,320	19								
		3	Quite a bit	528	46	5,874	45	8,178	46	23,169	43								
		4	Very much	358	30	4,531	35	5,529	32	18,190	34								
		Total	1,166	100	12,977	100	17,781	100	53,154	100									
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	124	11	1,757	14	3,016	17	6,704	13	2.7	2.6 *** Δ	.13	2.5 *** Δ	.24	2.6 *	.07	
		2	Some	356	30	4,445	34	6,480	36	17,284	33								
		3	Quite a bit	444	38	4,299	33	5,476	31	17,774	33								
		4	Very much	242	21	2,465	19	2,790	16	11,375	21								
		Total	1,166	100	12,966	100	17,762	100	53,137	100									
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	88	7	1,069	8	1,953	11	4,630	9	2.7	2.7	.03	2.6 *** Δ	.16	2.7	.01	
		2	Some	364	31	4,296	33	6,664	37	17,087	32								
		3	Quite a bit	509	44	5,178	40	6,471	37	20,435	38								
		4	Very much	199	17	2,396	19	2,629	16	10,821	21								
		Total	1,160	100	12,939	100	17,717	100	52,973	100									

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	90	8	1,174	9	2,037	10	5,467	10	2.7	2.7	-.01	2.7	.05	2.7	.04	
		2	Sometimes	400	33	4,175	31	5,902	33	17,140	32								
		3	Often	425	36	4,645	36	6,089	35	18,931	36								
		4	Very often	244	23	2,973	24	3,692	22	11,519	22								
		Total	1,159	100	12,967	100	17,720	100	53,057	100									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	178	16	2,246	18	3,640	20	9,813	19	2.5	2.5	.02	2.4 ** ▲	.09	2.4	.05	
		2	Sometimes	454	38	4,816	37	6,698	37	19,507	36								
		3	Often	345	30	3,717	28	4,805	27	15,120	28								
		4	Very often	182	17	2,175	17	2,577	16	8,591	16								
		Total	1,159	100	12,954	100	17,720	100	53,031	100									
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	147	13	1,540	12	2,535	14	7,607	14	2.5	2.5	-.03	2.5	.01	2.5	.02	
		2	Sometimes	456	38	5,018	39	6,875	39	20,241	38								
		3	Often	395	34	4,313	33	5,693	32	17,189	32								
		4	Very often	164	15	2,077	16	2,616	15	8,039	15								
		Total	1,162	100	12,948	100	17,719	100	53,076	100									
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages	wrshortnum (Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	45	4	744	7	892	6	3,540	8	8.7	7.0 *** ▲	.26	7.4 *** ▲	.20	6.9 *** ▲	.27	
		1.5	1-2	164	15	2,435	21	2,949	19	9,895	21								
		4	3-5	304	28	3,368	29	4,689	29	14,019	29								
		8	6-10	250	23	2,588	21	3,850	23	10,448	21								
		13	11-15	126	11	1,181	10	1,822	11	4,928	10								
		18	16-20	95	8	668	5	940	6	2,553	5								
		23	More than 20	126	11	846	7	1,252	8	3,489	7								
		Total	1,110	100	11,830	100	16,394	100	48,872	100									
b. Between 6 and 10 pages	wrmednum (Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	0	None	198	18	3,015	27	3,246	22	12,651	27	3.8	2.9 *** ▲	.24	3.4 ** ▲	.10	3.1 *** ▲	.16	
		1.5	1-2	386	35	4,372	37	5,701	36	17,037	35								
		4	3-5	303	28	2,738	22	4,290	25	11,163	23								
		8	6-10	131	12	1,062	9	2,024	12	4,912	10								
		13	11-15	46	4	319	3	633	4	1,590	3								
		18	16-20	20	2	114	1	199	1	591	1								
		23	More than 20	20	2	99	1	194	1	597	1								
		Total	1,104	100	11,719	100	16,287	100	48,541	100									

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Washington State University

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. 11 pages or more	wrlongnum	0	None	471	43	5,686	50	6,868	44	23,344	49	2.1	1.6 *** ▲	.16	2.0	.04	1.8 ** ▲	.09	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	407	37	4,175	35	5,985	36	16,684	34								
		4	3-5	131	12	1,124	10	2,046	12	4,975	10								
		8	6-10	56	5	378	3	773	5	1,816	4								
		13	11-15	17	2	158	1	300	2	816	2								
		18	16-20	10	1	61	0	120	1	335	1								
		23	More than 20	14	1	79	1	159	1	464	1								
		Total		1,106	100	11,661	100	16,251	100	48,434	100								
Estimated number of assigned pages of student writing.	wrpages											87.7	66.9 *** ▲	.27	78.1 ** ▲	.11	72.1 *** ▲	.18	
	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																		

8. During the current school year, about how often have you had discussions with people from the following groups?

a. People of a race or ethnicity other than your own	DDrace	1	Never	47	5	498	4	552	4	1,782	4	3.1	3.0	.01	3.1	-.06	3.2 *** ▽	-.12
		2	Sometimes	262	23	3,284	26	3,955	24	10,497	21							
		3	Often	369	34	3,682	31	4,945	31	14,836	30							
		4	Very often	432	38	4,430	39	6,951	42	21,928	45							
		Total		1,110	100	11,894	100	16,403	100	49,043	100							
b. People from an economic background other than your own	DDeconomic	1	Never	45	4	373	3	548	3	1,651	4	3.1	3.0	.03	3.0	.04	3.1	-.04
		2	Sometimes	236	22	3,017	25	4,272	25	10,610	22							
		3	Often	396	36	4,384	37	5,714	35	17,066	35							
		4	Very often	428	38	4,100	36	5,836	36	19,624	40							
		Total		1,105	100	11,874	100	16,370	100	48,951	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	55	5	536	5	661	4	2,085	5	3.0	3.0	.03	3.1	-.02	3.1	-.06
		2	Sometimes	251	23	3,082	25	3,928	24	11,007	23							
		3	Often	388	35	4,063	34	5,571	34	15,923	32							
		4	Very often	414	37	4,193	36	6,206	38	19,911	41							
		Total		1,108	100	11,874	100	16,366	100	48,926	100							
d. People with political views other than your own	DDpolitical	1	Never	43	4	510	4	954	5	2,289	5	3.0	3.0	-.02	2.9 *** △	.12	3.0	-.01
		2	Sometimes	288	26	3,144	25	5,467	31	13,009	26							
		3	Often	372	34	3,951	34	4,942	31	15,389	32							
		4	Very often	403	36	4,242	37	4,997	32	18,216	38							
		Total		1,106	100	11,847	100	16,360	100	48,903	100							

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	29	3	388	3	489	3	1,360	3	3.1	3.0	.01	3.0	.03	3.1	-.01	
		2	Sometimes	217	20	2,564	22	3,445	22	9,735	21								
		3	Often	499	45	4,933	41	7,050	43	20,812	42								
		4	Very often	360	32	3,938	34	5,324	32	16,835	34								
		Total	1,105	100	11,823	100	16,308	100	48,742	100									
b. Reviewed your notes after class	LSnotes	1	Never	92	9	1,156	10	1,961	12	4,089	9	2.7	2.7	.05	2.6 *** ▲	.13	2.8	-.03	
		2	Sometimes	378	35	4,292	36	6,321	38	16,166	34								
		3	Often	353	32	3,572	30	4,716	29	15,530	31								
		4	Very often	279	25	2,783	24	3,300	21	12,934	26								
		Total	1,102	100	11,803	100	16,298	100	48,719	100									
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	100	9	1,060	9	1,645	10	3,822	8	2.7	2.7	.01	2.7	.05	2.8 * ▼	-.07	
		2	Sometimes	353	32	4,006	34	5,741	35	15,267	32								
		3	Often	410	37	4,074	34	5,506	34	17,404	36								
		4	Very often	238	21	2,594	22	3,335	21	12,008	24								
		Total	1,101	100	11,734	100	16,227	100	48,501	100									
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	10	1	79	1	171	1	539	1	5.4	5.4	-.02	5.3 * ▲	.07	5.4	-.01	
		2		12	1	168	2	266	2	787	2								
		3		61	6	440	4	803	5	2,235	5								
		4		129	12	1,228	11	2,002	12	5,499	11								
		5		340	31	3,995	33	5,611	34	15,372	31								
		6		292	27	3,413	28	4,409	27	12,910	27								
		7	Very much	256	23	2,436	21	2,959	19	11,168	23								
		Total	1,100	100	11,759	100	16,221	100	48,510	100									
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern (Means indicate the percentage who responded "Done or in progress.")	Have not decided		101	9	631	5	1,242	7	3,458	7	48%	60% *** ▼	-.25	58% *** ▼	-.20	55% *** ▼	-.13	
		Do not plan to do		175	16	1,647	14	2,527	15	6,788	15								
		Plan to do		287	27	2,364	20	3,174	20	11,259	23								
		Done or in progress		536	48	7,130	60	9,289	58	27,069	55								
		Total		1,099	100	11,772	100	16,232	100	48,574	100								

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	92	8	788	7	1,208	7	4,490	9	37%	48% *** ▽	-.22	46% *** ▽	-.18	40% * ▽	-.06	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	517	47	4,458	39	6,285	40	20,146	42									
	Plan to do	77	7	694	6	1,125	7	4,050	8										
	Done or in progress	412	37	5,813	48	7,602	46	19,774	40										
	Total	1,098	100	11,753	100	16,220	100	48,460	100										
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	118	11	909	8	1,581	10	5,275	11	22%	25% ** ▽	-.09	23%	-.04	24% * ▽	-.06	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	644	60	7,079	61	9,655	60	26,952	56									
	Plan to do	90	8	682	6	1,141	7	4,251	9										
	Done or in progress	242	22	3,047	25	3,792	23	11,862	24										
	Total	1,094	100	11,717	100	16,169	100	48,340	100										
d. Participate in a study abroad program	abroad		Have not decided	100	9	904	8	1,445	9	4,769	10	11%	21% *** ▽	-.29	21% *** ▽	-.28	18% *** ▽	-.21	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	794	74	7,610	65	10,100	63	31,011	65									
	Plan to do	69	6	679	6	1,136	7	3,585	7										
	Done or in progress	131	11	2,531	21	3,511	21	9,017	18										
	Total	1,094	100	11,724	100	16,192	100	48,382	100										
e. Work with a faculty member on a research project	research		Have not decided	139	13	1,254	11	1,787	11	6,108	13	25%	31% *** ▽	-.12	31% *** ▽	-.14	27%	-.05	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	557	51	5,504	47	7,083	45	23,200	47									
	Plan to do	122	12	1,278	11	2,124	13	5,984	13										
	Done or in progress	274	25	3,664	31	5,178	31	13,015	27										
	Total	1,092	100	11,700	100	16,172	100	48,307	100										
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	45	4	825	7	1,488	9	3,845	8	63%	44% *** ▲	.38	40% *** ▲	.46	44% *** ▲	.38	
	(Means indicate the percentage who responded "Done or in progress.")	Do not plan to do	92	8	3,128	28	5,104	30	12,432	25									
	Plan to do	268	25	2,388	21	3,204	21	10,734	23										
	Done or in progress	689	63	5,368	44	6,370	40	21,314	44										
	Total	1,094	100	11,709	100	16,166	100	48,325	100										

12. About how many of your courses at this institution have included a community-based project (service-learning)?

servcourse	1	None	429	40	5,750	51	8,486	54	22,115	47	1.7	1.6 *** ▲	.24	1.5 *** ▲	.28	1.6 *** ▲	.11
	2	Some	561	51	5,210	43	6,783	41	21,969	45							
	3	Most	83	7	650	5	729	4	3,392	7							
	4	All	18	2	83	1	135	1	723	1							
	Total		1,091	100	11,693	100	16,133	100	48,199	100							

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor	17	2	110	1	250	2	617	1	5.5	5.6 ** ▽	-.09	5.4	.06	5.6	-.04	
		2	20	2	144	1	338	2	741	2									
		3	49	5	371	3	821	5	2,056	4									
		4	121	11	1,168	10	1,899	11	5,144	11									
		5	255	23	2,923	25	4,485	27	12,137	25									
		6	334	31	3,720	31	4,763	30	13,730	28									
		7	Excellent	289	26	3,242	28	3,559	23	13,626	28								
		—	Not applicable	7	1	35	0	59	0	302	1								
		Total	1,092	100	11,713	100	16,174	100	48,353	100									
b. Academic advisors	QIadvisor	1	Poor	61	6	501	4	934	6	2,707	6	5.2	5.1	.01	4.9 *** △	.17	5.0 *** △	.11	
		2	54	5	635	6	1,082	7	3,026	6									
		3	81	7	934	8	1,567	9	4,488	9									
		4	135	12	1,527	13	2,399	14	7,009	14									
		5	211	19	2,314	19	3,354	20	9,531	19									
		6	217	21	2,469	21	2,955	19	9,003	19									
		7	Excellent	331	30	3,249	28	3,193	22	11,955	26								
		—	Not applicable	2	0	74	1	668	3	571	1								
		Total	1,092	100	11,703	100	16,152	100	48,290	100									
c. Faculty	QIfaculty	1	Poor	13	1	146	2	339	2	802	2	5.4	5.4	.02	5.2 *** △	.16	5.3	.05	
		2	28	3	261	2	492	3	1,219	3									
		3	54	5	621	5	1,074	6	2,783	6									
		4	131	12	1,418	12	2,389	14	6,346	13									
		5	300	27	3,160	26	4,540	28	12,709	26									
		6	305	28	3,598	30	4,499	28	13,555	28									
		7	Excellent	254	23	2,418	22	2,655	17	10,472	22								
		—	Not applicable	3	0	42	0	127	1	267	1								
		Total	1,088	100	11,664	100	16,115	100	48,153	100									

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	50	5	398	4	784	5	2,131	5	4.8	4.9 *	-.08	4.7	.07	4.8	-.01	
		2		35	3	495	4	887	5	2,322	5								
		3		76	7	807	7	1,405	8	3,931	8								
		4		158	15	1,777	15	2,626	16	7,286	15								
		5		222	21	2,584	21	3,555	22	10,061	20								
		6		189	17	2,453	21	2,843	18	8,579	18								
		7	Excellent	145	13	1,863	16	1,910	13	7,301	16								
		—	Not applicable	211	20	1,294	11	2,105	13	6,546	14								
	Total	1,086	100	11,671	100	16,115	100	48,157	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	52	5	454	4	829	5	2,593	5	4.9	4.8	.06	4.6 ***	.17	4.7 ***	.13	
		2		51	4	586	5	968	6	2,867	6								
		3		71	6	849	7	1,456	9	4,662	10								
		4		173	16	1,974	17	2,879	18	8,503	17								
		5		249	23	2,703	23	3,695	22	10,735	22								
		6		224	21	2,316	19	2,875	18	8,445	18								
		7	Excellent	183	16	1,652	15	1,796	12	6,662	15								
		—	Not applicable	86	8	1,161	10	1,650	10	3,815	8								
	Total	1,089	100	11,695	100	16,148	100	48,282	100										
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	20	2	139	1	223	1	815	2	3.1	3.2 ***	-.14	3.2 ***	-.20	3.2 **	-.08	
		2	Some	199	19	1,707	16	2,215	15	7,873	17								
		3	Quite a bit	497	47	5,054	45	6,391	42	21,313	45								
		4	Very much	342	32	4,389	38	6,859	42	16,798	36								
			Total	1,058	100	11,289	100	15,688	100	46,799	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	48	5	487	5	1,086	7	2,290	5	2.9	2.9	-.02	2.8 ***	.14	2.9	-.02	
		2	Some	275	26	2,766	26	4,918	30	11,952	26								
		3	Quite a bit	481	46	5,122	45	6,771	43	20,571	44								
		4	Very much	251	23	2,858	25	2,864	20	11,715	25								
			Total	1,055	100	11,233	100	15,639	100	46,528	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	85	8	838	8	1,628	10	4,184	9	2.8	2.8	-.03	2.7 ***	.12	2.8	-.02	
		2	Some	304	29	3,033	28	5,154	33	12,632	28								
		3	Quite a bit	420	40	4,487	39	6,022	38	18,062	38								
		4	Very much	248	23	2,871	24	2,830	19	11,665	25								
			Total	1,057	100	11,229	100	15,634	100	46,543	100								

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Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	168	16	1,848	17	3,191	19	6,816	15	2.5	2.5	.00	2.4 *	.06	2.6 **	-0.09		
		2	Some	358	34	4,001	35	5,460	35	14,608	31									
		3	Quite a bit	334	31	3,283	29	4,488	29	14,865	32									
		4	Very much	194	18	2,092	19	2,462	17	10,182	22									
		Total	1,054	100	11,224	100	15,601	100	46,471	100										
e. Providing opportunities to be involved socially	SEsocial	1	Very little	86	8	632	6	1,481	9	3,074	7	2.8	3.0 ***	-0.19	2.8	.01	2.9 **	-0.09		
		2	Some	287	28	2,698	23	4,786	29	11,858	26									
		3	Quite a bit	430	41	4,594	40	6,005	38	18,740	40									
		4	Very much	254	23	3,278	31	3,330	24	12,783	27									
		Total	1,057	100	11,202	100	15,602	100	46,455	100										
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	115	11	775	8	1,740	10	3,992	9	2.7	2.9 ***	-0.18	2.7	-0.01	2.8 **	-0.10		
		2	Some	285	28	2,718	24	4,615	28	11,793	26									
		3	Quite a bit	401	38	4,460	39	5,889	38	17,994	38									
		4	Very much	255	23	3,235	29	3,335	24	12,600	27									
		Total	1,056	100	11,188	100	15,579	100	46,379	100										
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	387	37	3,722	34	6,141	38	15,132	33	2.0	2.0 *	-0.07	1.9	.02	2.1 ***	-0.11		
		2	Some	389	37	4,321	38	5,915	38	17,045	37									
		3	Quite a bit	209	20	2,219	19	2,589	18	9,608	20									
		4	Very much	69	6	917	8	916	7	4,555	10									
		Total	1,054	100	11,179	100	15,561	100	46,340	100										
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	145	14	934	8	2,190	12	4,918	11	2.6	2.9 ***	-0.31	2.6	-0.06	2.7 ***	-0.17		
		2	Some	332	32	2,939	25	5,217	32	13,338	28									
		3	Quite a bit	390	37	4,330	38	5,483	36	17,184	37									
		4	Very much	186	17	2,959	28	2,660	20	10,848	24									
		Total	1,053	100	11,162	100	15,550	100	46,288	100										
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	189	18	1,827	17	2,961	19	7,836	18	2.3	2.4 *	-0.06	2.3	.00	2.4 *	-0.07		
		2	Some	420	40	4,415	40	6,367	41	17,505	38									
		3	Quite a bit	329	31	3,451	30	4,559	29	14,345	30									
		4	Very much	110	10	1,461	13	1,643	11	6,543	14									
		Total	1,048	100	11,154	100	15,530	100	46,229	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH														
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e														
15. About how many hours do you spend in a typical 7-day week doing the following?																																
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs (Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	0 3 8 13 18 23 28 33 Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs Total	5 100 241 216 187 128 66 107 1,050	1 10 23 21 18 12 6 10 100	43 1,236 2,216 2,230 2,103 1,412 766 1,136 11,142	0 12 20 20 18 12 7 10 100	76 1,503 2,779 2,963 2,927 2,112 1,256 1,919 15,535	1 10 18 19 19 14 8 12 100	232 5,833 10,155 9,349 8,351 5,188 2,922 4,282 46,312	1 13 22 20 18 11 6 10 100	15.9	15.9	.00	16.9 ***	-.11	15.4	.05														
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs (Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0 3 8 13 18 23 28 33 Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs Total	435 301 154 82 39 16 6 16 1,049	42 28 15 8 4 1 1 1 100	2,933 3,964 2,103 1,091 542 235 105 142 11,115	28 35 18 10 5 2 1 1 100	4,336 5,290 2,827 1,458 825 418 135 205 15,494	29 34 18 9 5 3 1 1 100	15,394 14,634 7,552 4,124 2,349 1,081 403 621 46,158	34 31 16 9 5 2 1 1 100								4.7	5.9 ***	-.17	6.0 ***	-.18	5.5 ***	-.11							
c. Working for pay on campus	tmworkonhrs (Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0 3 8 13 18 23 28 33 Total	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs Total	672 54 93 90 90 32 10 11 1,052	65 5 9 8 8 3 1 1 100	6,579 544 1,281 1,181 920 326 141 152 11,124	61 5 11 10 8 3 1 2 100	9,727 931 1,790 1,450 983 371 138 135 15,525	62 6 11 9 7 2 1 1 100	31,408 1,975 4,102 3,629 2,964 1,136 420 527 46,161	69 4 8 7 6 2 1 1 100															4.7	5.2 *	-.06	4.7	.00	4.1 *	.08

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

Washington State University

Seniors

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Statistical Comparisons^b

Your seniors compared with

				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	625	60	6,462	59	8,873	59	22,076	49	7.9	7.0 *	.09	6.7 **	.12	10.0 ***	-.18	
	(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	37	3	596	5	926	5	2,362	5								
	8	6-10 hrs	66	6	741	6	1,245	7	3,177	7									
	13	11-15 hrs	63	6	897	8	1,368	8	3,466	7									
	18	16-20 hrs	69	7	885	8	1,254	8	4,390	9									
	23	21-25 hrs	52	5	580	5	758	5	3,298	7									
	28	26-30 hrs	28	3	346	3	395	3	2,238	5									
	33	More than 30 hrs	109	10	585	5	678	5	5,120	12									
	Total		1,049	100	11,092	100	15,497	100	46,127	100									
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											12.5	12.1	.04	11.4 **	.10	14.1 ***	-.12	
e. Doing community service or volunteer work	tmservehrs	0	0 hrs	549	54	5,584	52	8,096	55	23,130	51	2.7	2.5	.03	2.6	.01	3.0 *	-.06	
	(Recoded version of tmserve created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	352	32	4,156	36	5,185	32	15,634	33								
	8	6-10 hrs	85	8	766	7	1,225	7	3,854	8									
	13	11-15 hrs	24	2	274	2	465	3	1,566	3									
	18	16-20 hrs	17	2	153	1	241	1	919	2									
	23	21-25 hrs	11	1	63	1	144	1	445	1									
	28	26-30 hrs	3	0	27	0	44	0	181	0									
	33	More than 30 hrs	5	1	54	0	70	0	343	1									
	Total		1,046	100	11,077	100	15,470	100	46,072	100									
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	26	2	152	2	251	2	1,071	3	11.3	12.4 ***	-.12	12.5 ***	-.14	11.7	-.04	
	(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	281	26	2,170	19	2,996	19	10,394	23								
	8	6-10 hrs	282	26	3,290	29	4,412	28	13,187	28									
	13	11-15 hrs	198	19	2,350	20	3,405	21	9,350	20									
	18	16-20 hrs	127	12	1,609	15	2,152	14	5,986	13									
	23	21-25 hrs	63	6	691	6	978	6	2,612	6									
	28	26-30 hrs	19	2	270	3	432	3	1,156	3									
	33	More than 30 hrs	53	6	572	6	871	6	2,375	5									
	Total		1,049	100	11,104	100	15,497	100	46,131	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	759	73	9,270	83	12,369	81	34,644	75	4.9	2.3 *** ▲	.36	2.2 *** ▲	.41	3.6 *** ▲	.15	
	(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	75	7	720	7	1,440	9	4,154	9								
	8	6-10 hrs	40	4	296	3	543	3	1,929	4									
	13	11-15 hrs	25	2	187	2	362	2	1,183	3									
	18	16-20 hrs	28	3	127	1	266	2	957	2									
	23	21-25 hrs	12	1	67	1	120	1	489	1									
	28	26-30 hrs	7	1	44	0	59	0	280	1									
	33	More than 30 hrs	104	9	387	4	321	2	2,431	5									
	Total			1,050	100	11,098	100	15,480	100	46,067	100								
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	144	14	1,398	12	1,974	13	6,626	13	4.8	4.5	.05	5.3 *** ▼	-.10	5.3 ** ▼	-.09	
	(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	632	60	7,190	64	8,427	56	25,827	56								
	8	6-10 hrs	182	17	1,756	17	2,961	19	8,438	19									
	13	11-15 hrs	50	5	435	4	1,228	7	2,816	6									
	18	16-20 hrs	16	2	172	2	454	3	1,114	2									
	23	21-25 hrs	8	1	79	1	212	1	488	1									
	28	26-30 hrs	2	0	23	0	78	0	227	1									
	33	More than 30 hrs	14	1	81	1	178	1	662	1									
	Total			1,048	100	11,134	100	15,512	100	46,198	100								
16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
reading		1	Very little	215	21	2,360	22	2,926	20	8,432	19	2.6	2.6	.00	2.6 * ▼	-.07	2.6 * ▼	-.07	
	2	Some	330	32	3,552	32	4,603	31	13,992	31									
	3	About half	246	23	2,436	22	3,432	22	11,161	24									
	4	Most	184	17	1,928	17	3,112	19	8,623	18									
	5	Almost all	75	7	839	7	1,413	8	3,912	8									
	Total			1,050	100	11,115	100	15,486	100	46,120	100								
tmreadinghrs												6.6	6.4	.03	7.0 * ▼	-.07	6.6	.01	
(Continuous variable created by NSSE. Calculated as a proportion of tmprphrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

Washington State University

Seniors

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				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
	tmreadinghrscol	1	0 hrs	5	1	43	0	75	1	228	1								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	529	52	5,775	53	7,108	48	23,408	52								
		3	More than 5, up to 10 hrs	297	28	3,086	27	4,618	29	13,093	28								
		4	More than 10, up to 15 hrs	91	8	1,058	9	1,614	10	4,327	9								
		5	More than 15, up to 20 hrs	73	7	613	5	1,025	6	2,553	5								
		6	More than 20, up to 25 hrs	35	3	357	3	685	4	1,592	3								
		7	More than 25 hrs	16	1	144	1	311	2	765	2								
		Total	1,046	100	11,076	100	15,436	100	45,966	100									
17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																			
a. Writing clearly and effectively	pgwrite	1	Very little	58	6	780	8	1,113	8	3,128	7	2.9	2.9	.05	2.8 ** ▲	.10	2.9	.03	
		2	Some	250	24	2,856	25	4,090	27	11,388	25								
		3	Quite a bit	426	40	4,178	37	6,000	38	17,643	38								
		4	Very much	312	29	3,275	30	4,273	27	13,908	30								
		Total	1,046	100	11,089	100	15,476	100	46,067	100									
b. Speaking clearly and effectively	pgspeak	1	Very little	100	10	968	9	1,618	11	3,937	9	2.7	2.8 *** ▼	-.12	2.7	-.01	2.8 *** ▼	-.13	
		2	Some	310	31	2,963	26	4,529	29	11,855	26								
		3	Quite a bit	387	36	4,050	36	5,652	36	16,942	36								
		4	Very much	249	23	3,092	29	3,673	24	13,301	29								
		Total	1,046	100	11,073	100	15,472	100	46,035	100									
c. Thinking critically and analytically	pgthink	1	Very little	25	3	227	2	331	3	1,083	3	3.3	3.3	-.04	3.3	-.01	3.3	.01	
		2	Some	119	12	1,262	12	1,871	12	5,912	13								
		3	Quite a bit	405	38	4,028	36	5,706	36	17,282	37								
		4	Very much	498	48	5,548	50	7,556	49	21,752	48								
		Total	1,047	100	11,065	100	15,464	100	46,029	100									
d. Analyzing numerical and statistical information	pganalyze	1	Very little	84	8	806	7	1,472	8	3,940	8	3.0	3.0	-.04	3.0	.01	3.0	.02	
		2	Some	248	23	2,613	23	3,737	23	10,972	23								
		3	Quite a bit	365	35	3,655	33	4,953	33	15,360	33								
		4	Very much	349	35	3,986	37	5,284	36	15,721	35								
		Total	1,046	100	11,060	100	15,446	100	45,993	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

Washington State University

Seniors

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Your seniors compared with

				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Acquiring job- or work- related knowledge and skills	pgwork	1	Very little	88	8	885	9	2,157	13	4,219	10	2.9	2.9	-.03	2.8 ***	.15	2.9	.03	
		2	Some	255	25	2,618	24	4,504	27	11,427	25								
		3	Quite a bit	368	35	3,743	33	4,730	31	15,518	33								
		4	Very much	337	32	3,823	35	4,067	29	14,876	32								
		Total	1,048	100	11,069	100	15,458	100	46,040	100									
f. Working effectively with others	pgothers	1	Very little	52	5	511	5	1,040	7	2,253	5	3.0	3.0 *	-.06	2.9 *	.08	3.0	-.03	
		2	Some	233	23	2,373	22	4,065	25	9,967	22								
		3	Quite a bit	420	40	4,197	37	5,876	38	17,738	38								
		4	Very much	342	32	3,972	36	4,460	30	16,034	34								
		Total	1,047	100	11,053	100	15,441	100	45,992	100									
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	149	15	1,500	15	2,355	16	5,667	13	2.6	2.7 *	-.07	2.6	.00	2.7 ***	-.12	
		2	Some	307	30	3,059	28	4,645	30	12,127	27								
		3	Quite a bit	359	33	3,611	32	4,998	32	15,505	33								
		4	Very much	232	22	2,887	26	3,446	23	12,684	27								
		Total	1,047	100	11,057	100	15,444	100	45,983	100									
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	114	12	1,321	13	1,923	13	4,638	11	2.7	2.7	-.05	2.7	-.03	2.8 ***	-.14	
		2	Some	325	32	3,353	30	4,738	31	12,369	27								
		3	Quite a bit	372	35	3,520	31	5,015	32	15,496	33								
		4	Very much	233	22	2,846	26	3,758	25	13,447	29								
		Total	1,044	100	11,040	100	15,434	100	45,950	100									
i. Solving complex real- world problems	pgprobsolve	1	Very little	83	8	924	9	1,713	11	4,210	10	2.8	2.8	-.02	2.7 *	.08	2.8	.00	
		2	Some	304	29	3,005	27	4,679	29	12,426	27								
		3	Quite a bit	378	36	4,001	36	5,270	34	16,364	35								
		4	Very much	281	27	3,112	29	3,782	26	12,964	28								
		Total	1,046	100	11,042	100	15,444	100	45,964	100									
j. Being an informed and active citizen	pgcitizen	1	Very little	165	16	1,552	15	2,511	17	6,172	15	2.6	2.6	-.03	2.5	.04	2.6 *	-.07	
		2	Some	315	31	3,470	31	4,990	32	13,680	30								
		3	Quite a bit	334	31	3,541	31	4,812	31	14,949	32								
		4	Very much	224	21	2,461	22	3,098	20	11,004	23								
		Total	1,038	100	11,024	100	15,411	100	45,805	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

Washington State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

				WSU		Legislative Peers		AAU		RU-VH		WSU		Legislative Peers		AAU		RU-VH	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
18. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	30	3	232	3	485	3	1,080	3	3.2	3.3 *** ▽	-.14	3.2	.03	3.3	-.05	
		2	Fair	114	11	1,038	10	2,117	13	5,163	12								
		3	Good	474	45	4,528	40	7,006	44	20,113	43								
		4	Excellent	426	40	5,271	48	5,837	40	19,624	43								
		Total		1,044	100	11,069	100	15,445	100	45,980	100								
19. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	44	4	342	4	711	5	1,738	4	3.3	3.4 ** ▽	-.09	3.2 * △	.06	3.3	.01	
		2	Probably no	111	11	1,039	10	2,052	13	5,222	12								
		3	Probably yes	386	37	3,884	34	6,066	38	17,656	38								
		4	Definitely yes	507	47	5,827	52	6,636	44	21,453	47								
		Total		1,048	100	11,092	100	15,465	100	46,069	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2017 Frequencies and Statistical Comparisons

Detailed Statistics^g

Washington State University

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	WSU	WSU	Legislative Peers			WSU	Legislative Peers			WSU	Legislative Peers			Comparisons with:			Comparisons with:			Comparisons with:		
			AAU	RU-VH			AAU	RU-VH			AAU	RU-VH		Legislative Peers	AAU	RU-VH	Legislative Peers	AAU	RU-VH	Legislative Peers	AAU	RU-VH
1 a. askquest	1,170	2.64	2.68	2.60	2.70	.024	.006	.005	.004	.82	.83	.84	.84	20,881	24,529	56,389	.068	.109	.015	-.05	.05	-.07
b. drafts	1,163	2.30	2.34	2.28	2.38	.027	.007	.006	.004	.92	.98	.96	.98	1,324	1,292	1,219	.184	.441	.004	-.04	.02	-.08
c. unpreparedr	1,165	2.96	2.94	2.85	2.92	.022	.006	.005	.003	.77	.78	.80	.78	20,574	1,296	55,754	.475	.000	.181	.02	.13	.04
d. attendart	1,163	1.80	1.89	1.84	1.88	.025	.006	.006	.004	.84	.88	.86	.89	20,474	24,161	55,542	.001	.152	.004	-.10	-.04	-.09
e. CLaskhelp	1,164	2.73	2.76	2.73	2.70	.024	.006	.006	.004	.81	.85	.86	.87	1,322	1,301	1,221	.175	.820	.247	-.04	.01	.03
f. CLexplain	1,165	2.78	2.83	2.79	2.79	.023	.006	.005	.003	.77	.79	.80	.80	20,432	1,294	1,219	.062	.650	.551	-.06	-.01	-.02
g. CLstudy	1,162	2.62	2.68	2.63	2.65	.027	.007	.006	.004	.91	.92	.94	.94	20,352	24,025	55,195	.043	.796	.268	-.06	-.01	-.03
h. CLproject	1,159	2.66	2.68	2.65	2.69	.024	.006	.006	.004	.81	.83	.86	.85	20,216	1,296	1,213	.383	.638	.337	-.03	.01	-.03
i. present	1,155	2.02	2.12	2.03	2.17	.025	.006	.006	.004	.84	.83	.84	.86	20,206	23,933	1,207	.000	.715	.000	-.12	-.01	-.18
2 a. RIintegrate	1,148	2.63	2.58	2.59	2.60	.023	.006	.005	.004	.78	.81	.80	.82	1,304	23,517	1,202	.062	.114	.254	.06	.05	.03
b. RISocietal	1,144	2.63	2.52	2.53	2.56	.024	.006	.006	.004	.82	.85	.86	.86	1,301	1,274	1,198	.000	.000	.006	.12	.12	.08
c. RIdiverse	1,140	2.60	2.46	2.44	2.53	.025	.007	.006	.004	.85	.89	.90	.89	1,300	1,276	1,195	.000	.000	.002	.16	.19	.09
d. RIownview	1,138	2.81	2.70	2.68	2.74	.023	.006	.005	.004	.77	.81	.80	.81	1,298	1,267	1,192	.000	.000	.003	.13	.16	.09
e. RIPerspect	1,129	2.91	2.82	2.82	2.88	.023	.006	.005	.004	.76	.81	.80	.80	1,293	1,259	1,183	.000	.000	.133	.11	.12	.04
f. RInewview	1,124	2.85	2.80	2.84	2.83	.023	.006	.005	.003	.76	.78	.78	.78	1,278	22,911	1,176	.015	.480	.372	.07	.02	.03
g. RIconnect	1,122	3.02	3.00	3.02	3.02	.021	.006	.005	.003	.71	.74	.74	.74	18,841	22,813	51,954	.482	.889	.802	.02	.00	-.01
3 a. SFCareer	1,123	2.42	2.22	2.06	2.21	.027	.007	.006	.004	.89	.88	.89	.90	1,264	1,240	1,173	.000	.000	.000	.23	.41	.23
b. SFotherwork	1,120	1.80	1.76	1.70	1.75	.026	.007	.006	.004	.88	.88	.86	.89	18,807	22,739	51,809	.197	.000	.084	.04	.12	.05
c. SFdiscuss	1,110	2.01	1.96	1.93	1.96	.025	.006	.006	.004	.82	.85	.85	.87	1,265	1,235	1,164	.047	.001	.045	.06	.10	.06
d. SFperform	1,114	2.11	2.02	1.91	2.04	.024	.006	.006	.004	.81	.83	.84	.85	18,685	22,628	51,537	.001	.000	.009	.10	.24	.08
4 a. memorize	1,111	2.98	2.92	2.91	2.93	.023	.006	.005	.004	.76	.79	.80	.80	1,268	1,241	1,165	.018	.003	.022	.07	.09	.07
b. HOapply	1,107	2.91	3.02	3.03	3.00	.023	.006	.005	.004	.75	.78	.78	.78	18,614	22,557	51,289	.000	.000	.000	-.15	-.15	-.11
c. HOanalyze	1,110	2.87	2.94	2.93	2.94	.023	.006	.006	.004	.78	.81	.81	.80	18,530	22,480	51,066	.005	.014	.004	-.09	-.08	-.09
d. HOevaluate	1,106	2.90	2.77	2.74	2.82	.023	.006	.006	.004	.77	.84	.86	.83	1,279	1,252	1,163	.000	.000	.000	.15	.19	.10
e. HOform	1,110	2.87	2.78	2.78	2.83	.023	.006	.006	.004	.78	.83	.83	.82	1,277	1,244	1,166	.001	.001	.130	.10	.10	.04
5 a. ETgoals	1,110	3.00	3.04	3.01	3.06	.023	.006	.005	.003	.76	.76	.75	.76	18,480	22,412	50,940	.116	.763	.014	-.05	-.01	-.07
b. ETorganize	1,109	3.02	3.02	2.99	3.02	.023	.006	.005	.003	.75	.76	.75	.77	18,434	22,370	50,862	.965	.362	.873	.00	.03	.00
c. ETexample	1,106	2.99	3.04	3.02	3.03	.024	.006	.005	.004	.79	.79	.78	.79	18,384	22,330	50,794	.034	.212	.058	-.07	-.04	-.06
d. ETdraftfb	1,110	2.77	2.62	2.51	2.69	.026	.007	.006	.004	.87	.90	.92	.91	1,269	1,243	1,164	.000	.000	.001	.17	.29	.09
e. ETfeedback	1,111	2.60	2.59	2.52	2.62	.026	.007	.006	.004	.86	.88	.87	.89	1,268	22,312	1,164	.609	.002	.531	.02	.09	-.02

NSSE 2017 Frequencies and Statistical Comparisons

Detailed Statistics^g

Washington State University

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	WSU	WSU	Legislative Peers			WSU	Legislative Peers			WSU	Legislative Peers			Comparisons with:			Comparisons with:			Comparisons with:		
			AAU	RU-VH			AAU	RU-VH			AAU	RU-VH		Legislative Peers	AAU	RU-VH	Legislative Peers	AAU	RU-VH	Legislative Peers	AAU	RU-VH
6 a. QRconclude	1,107	2.62	2.65	2.59	2.63	.025	.007	.006	.004	.83	.85	.87	.87	18,364	1,235	1,160	.314	.244	.689	-.03	.03	-.01
b. QRproblem	1,105	2.36	2.32	2.27	2.32	.025	.007	.006	.004	.84	.90	.91	.92	1,272	1,242	1,164	.064	.000	.063	.05	.10	.05
c. QRevaluate	1,107	2.36	2.37	2.33	2.35	.025	.007	.006	.004	.84	.86	.86	.87	18,326	22,272	50,628	.680	.412	.931	-.01	.03	.00
7 a. wrshortnum	1,050	7.93	6.05	6.56	6.17	.185	.045	.042	.026	5.98	5.52	5.84	5.48	1,175	20,293	1,091	.000	.000	.000	.34	.23	.32
b. wrmednum	1,043	2.54	1.97	2.38	2.15	.103	.025	.025	.015	3.33	3.08	3.50	3.15	1,168	20,097	1,086	.000	.158	.000	.18	.04	.13
c. wrlongnum	1,045	.88	.82	1.10	.87	.077	.022	.022	.013	2.49	2.71	3.09	2.68	16,027	1,229	45,005	.522	.006	.896	.02	-.07	.00
— wrpages	1,039	56.97	44.99	54.04	47.81	2.068	.534	.538	.316	66.63	65.10	73.69	65.99	15,873	1,182	44,642	.000	.170	.000	.18	.04	.14
8 a. DDrace	1,047	3.05	3.06	3.08	3.12	.026	.007	.006	.004	.84	.88	.88	.87	1,208	1,175	1,099	.796	.226	.005	-.01	-.04	-.09
b. DDeconomic	1,045	3.04	3.05	3.00	3.08	.026	.007	.006	.004	.83	.85	.87	.85	16,334	20,221	1,096	.665	.136	.120	-.01	.05	-.05
c. DDreligion	1,046	2.96	3.01	3.02	3.07	.028	.007	.007	.004	.89	.90	.90	.89	16,326	20,197	45,685	.072	.043	.000	-.06	-.06	-.12
d. DDpolitical	1,047	3.00	3.04	2.89	3.02	.027	.007	.007	.004	.88	.89	.91	.89	16,294	1,173	1,097	.143	.000	.440	-.05	.11	-.02
9 a. LSreading	1,044	2.98	2.99	2.99	3.01	.023	.006	.006	.004	.73	.76	.76	.76	1,204	1,171	1,097	.841	.867	.229	-.01	-.01	-.04
b. LSnotes	1,042	2.76	2.86	2.74	2.85	.027	.007	.006	.004	.87	.88	.89	.89	16,210	20,050	45,410	.000	.593	.001	-.11	.02	-.10
c. LSsummary	1,042	2.66	2.76	2.72	2.77	.028	.007	.006	.004	.89	.87	.87	.87	16,138	19,991	45,209	.001	.024	.000	-.11	-.07	-.12
10. challenge	1,030	5.29	5.49	5.41	5.41	.037	.009	.009	.006	1.18	1.17	1.20	1.20	16,140	1,149	1,079	.000	.001	.001	-.18	-.10	-.10
11 a. intern ^l	1,036	.087	.083	.078	.086	.0088	.0022	.0019	.0013	--	--	--	--	--	--	--	.602	.278	.890	.02	.03	.00
b. leader ^l	1,035	.139	.130	.120	.123	.0108	.0027	.0024	.0016	--	--	--	--	--	--	--	.426	.077	.112	.03	.05	.05
c. learncom ^l	1,030	.091	.192	.177	.184	.0090	.0032	.0028	.0018	--	--	--	--	--	--	--	.000	.000	.000	-.29	-.25	-.27
d. abroad ^l	1,031	.023	.039	.038	.036	.0047	.0016	.0014	.0009	--	--	--	--	--	--	--	.013	.016	.032	-.09	-.09	-.07
e. research ^l	1,033	.075	.069	.059	.057	.0082	.0021	.0017	.0011	--	--	--	--	--	--	--	.426	.031	.013	.03	.07	.07
f. capstone ^l	1,028	.017	.018	.018	.022	.0040	.0011	.0010	.0007	--	--	--	--	--	--	--	.772	.751	.298	-.01	-.01	-.03
12. servcourse	1,030	1.55	1.52	1.51	1.54	.020	.005	.005	.003	.64	.64	.65	.65	15,925	19,755	44,713	.110	.030	.549	.05	.07	.02
13 a. QIstudent	1,028	5.32	5.53	5.38	5.46	.042	.010	.010	.006	1.36	1.28	1.34	1.33	15,941	19,707	44,649	.000	.212	.001	-.16	-.04	-.10
b. QIadvisor	1,029	5.28	5.28	5.05	5.19	.048	.013	.012	.008	1.55	1.56	1.61	1.60	15,756	18,648	43,972	.943	.000	.070	.00	.14	.06
c. QIfaculty	1,021	5.10	5.22	5.07	5.20	.043	.011	.011	.007	1.39	1.37	1.43	1.38	15,809	19,228	44,203	.009	.554	.022	-.08	.02	-.07
d. QIstaff	971	4.97	5.13	4.96	5.04	.048	.013	.012	.008	1.48	1.51	1.55	1.56	14,827	17,762	1,022	.002	.831	.188	-.10	.01	-.04
e. QIadmin	943	4.88	4.96	4.86	4.86	.052	.014	.012	.008	1.60	1.58	1.59	1.61	14,058	17,203	40,195	.168	.625	.622	-.05	.02	.02
14 a. empstudy	992	3.13	3.23	3.21	3.16	.023	.006	.006	.004	.71	.72	.74	.74	1,137	1,112	1,043	.000	.000	.184	-.14	-.11	-.04
b. SEacademic	990	3.01	3.11	2.97	3.06	.024	.007	.006	.004	.77	.80	.81	.80	1,144	1,115	1,041	.000	.145	.025	-.12	.05	-.07
c. SElearnsup	987	3.07	3.10	2.95	3.06	.027	.007	.007	.004	.86	.86	.88	.87	1,130	18,815	42,423	.173	.000	.865	-.04	.14	.01

NSSE 2017 Frequencies and Statistical Comparisons

Detailed Statistics^g

Washington State University

First-Year Students

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	WSU	WSU	Legislative Peers			WSU	Legislative Peers			WSU	Legislative Peers			Comparisons with:			Comparisons with:			Comparisons with:		
			AAU	RU-VH			AAU	RU-VH			AAU	RU-VH		Legislative Peers	AAU	RU-VH	Legislative Peers	AAU	RU-VH	Legislative Peers	AAU	RU-VH
d. SEDiverse	984	2.71	2.79	2.71	2.80	.030	.008	.007	.005	.93	.94	.95	.93	15,012	18,811	42,418	.012	.782	.003	-.08	.01	-.10
e. SESocial	982	2.96	3.07	2.90	3.02	.026	.007	.006	.004	.82	.83	.86	.84	1,128	1,105	42,362	.000	.022	.037	-.13	.07	-.07
f. SEWellness	980	3.02	3.06	2.93	3.03	.026	.007	.007	.004	.82	.85	.88	.85	1,129	1,105	1,030	.130	.001	.868	-.05	.10	-.01
g. SEonacad	981	2.31	2.38	2.26	2.37	.030	.008	.007	.005	.92	.95	.93	.95	14,921	18,732	42,256	.020	.078	.041	-.08	.06	-.07
h. SEactivities	979	2.93	2.99	2.75	2.93	.026	.007	.007	.004	.83	.85	.89	.87	14,893	1,107	1,030	.030	.000	.885	-.07	.21	.00
i. SEevents	979	2.59	2.60	2.53	2.60	.028	.008	.007	.004	.88	.92	.90	.91	1,134	18,692	1,029	.597	.044	.553	-.02	.07	-.02
15 a. tmprephrs	975	16.01	16.21	16.85	15.62	.252	.070	.064	.041	7.88	8.25	8.57	8.33	1,129	1,104	1,026	.450	.001	.129	-.02	-.10	.05
b. tmcocurrhrs	976	7.03	6.34	5.87	6.07	.241	.055	.049	.033	7.54	6.51	6.50	6.71	1,081	1,057	1,013	.005	.000	.000	.10	.18	.14
c. tmworkonhrs	977	2.56	2.71	2.43	2.46	.174	.048	.041	.028	5.45	5.68	5.48	5.70	14,833	18,611	42,075	.412	.453	.597	-.03	.02	.02
d. tmworkoffhrs	977	2.90	2.52	3.00	3.71	.232	.054	.050	.038	7.26	6.35	6.70	7.80	1,085	18,624	1,031	.106	.669	.001	.06	-.01	-.10
— tmworkhrs	975	5.46	5.18	5.39	6.13	.297	.077	.071	.050	9.27	9.05	9.42	10.19	1,109	18,544	1,031	.359	.803	.026	.03	.01	-.07
e. tmervicehrs	975	2.45	2.21	2.19	2.40	.132	.035	.033	.022	4.12	4.07	4.36	4.45	14,785	18,579	41,952	.084	.072	.750	.06	.06	.01
f. tmrelaxhrs	974	12.58	12.78	12.91	12.90	.263	.068	.062	.041	8.21	8.03	8.18	8.29	14,810	18,594	42,028	.454	.213	.225	-.02	-.04	-.04
g. tmcarehrs	973	1.30	1.20	1.72	1.61	.144	.036	.037	.024	4.50	4.27	4.93	4.94	14,778	1,105	1,029	.482	.004	.034	.02	-.09	-.06
h. tmcommutehrs	975	3.94	3.72	4.48	3.88	.170	.043	.043	.027	5.31	5.09	5.69	5.49	14,825	1,102	1,024	.191	.002	.745	.04	-.09	.01
16. reading	972	2.66	2.53	2.70	2.61	.034	.009	.009	.005	1.06	1.08	1.14	1.10	14,823	1,098	1,021	.000	.244	.144	.12	-.04	.05
— tmreadinghrs	968	6.74	6.48	7.32	6.52	.170	.047	.046	.028	5.28	5.54	6.05	5.63	14,765	1,111	1,019	.159	.001	.201	.05	-.10	.04
17 a. pgwrite	971	2.73	2.60	2.55	2.67	.027	.008	.007	.004	.83	.91	.90	.90	1,142	1,099	1,025	.000	.000	.024	.14	.20	.07
b. pgspeak	972	2.51	2.48	2.38	2.54	.030	.008	.007	.005	.93	.93	.92	.93	14,737	18,528	41,803	.376	.000	.307	.03	.14	-.03
c. pgthink	970	3.01	3.07	3.05	3.05	.026	.007	.006	.004	.80	.81	.81	.81	1,114	18,525	41,801	.039	.222	.127	-.07	-.04	-.05
d. pganalyze	969	2.67	2.75	2.71	2.73	.029	.008	.007	.005	.91	.93	.96	.94	14,733	1,090	41,797	.005	.122	.034	-.09	-.05	-.07
e. pgwork	974	2.55	2.63	2.49	2.59	.030	.008	.007	.005	.94	.94	.96	.95	14,732	18,519	41,798	.015	.030	.264	-.08	.07	-.04
f. pgothers	973	2.77	2.80	2.68	2.79	.027	.007	.007	.004	.85	.87	.89	.88	14,725	1,094	41,774	.266	.001	.493	-.04	.10	-.02
g. pgvalues	970	2.62	2.61	2.53	2.64	.029	.008	.007	.005	.90	.96	.94	.96	1,130	1,089	1,021	.717	.002	.592	.01	.10	-.02
h. pgdiverse	972	2.74	2.73	2.68	2.77	.029	.008	.007	.005	.89	.93	.93	.93	1,125	1,091	41,782	.809	.054	.211	.01	.06	-.04
i. pgprobsolve	968	2.62	2.66	2.60	2.65	.028	.008	.007	.005	.87	.93	.93	.92	1,126	1,091	1,019	.143	.585	.279	-.05	.02	-.03
j. pgcitizen	965	2.64	2.63	2.56	2.65	.029	.008	.007	.005	.91	.93	.94	.93	14,646	1,081	41,605	.559	.004	.766	.02	.09	-.01
18. evalexp	968	3.17	3.28	3.15	3.24	.023	.006	.006	.004	.72	.71	.75	.72	1,103	18,532	1,013	.000	.416	.003	-.15	.03	-.10
19. sameinst	969	3.26	3.36	3.25	3.29	.025	.006	.006	.004	.78	.75	.77	.77	14,778	18,554	41,861	.000	.783	.203	-.13	.01	-.04

IPEDS: 236939

NSSE 2017 Frequencies and Statistical Comparisons

Detailed Statistics^g

Washington State University

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	WSU	WSU	Legislative Peers			WSU	Legislative Peers			WSU	Legislative Peers			Comparisons with:			Comparisons with:			Comparisons with:		
			AAU	RU-VH			AAU	RU-VH			AAU	RU-VH		Legislative Peers	AAU	RU-VH	Legislative Peers	AAU	RU-VH	Legislative Peers	AAU	RU-VH
1 a. askquest	1,200	3.03	2.92	2.83	2.93	.025	.006	.006	.004	.86	.89	.90	.89	1,361	1,349	1,252	.000	.000	.000	.13	.23	.11
b. drafts	1,194	2.36	2.21	2.19	2.27	.029	.007	.007	.004	1.00	.98	.99	1.00	1,339	1,325	59,902	.000	.000	.004	.15	.17	.08
c. unpreparedr	1,197	2.94	2.79	2.72	2.84	.024	.006	.006	.003	.82	.82	.84	.82	1,348	1,340	1,246	.000	.000	.000	.18	.26	.13
d. attendart	1,196	1.63	1.85	1.86	1.82	.023	.006	.006	.004	.78	.87	.86	.89	20,382	22,528	1,259	.000	.000	.000	-.25	-.26	-.21
e. CLaskhelp	1,193	2.60	2.60	2.55	2.54	.027	.006	.006	.004	.92	.88	.89	.90	1,332	1,319	59,494	.940	.083	.034	.00	.05	.06
f. CLexplain	1,191	2.86	2.86	2.81	2.82	.025	.006	.006	.003	.85	.81	.82	.83	1,327	22,455	59,388	.996	.054	.099	.00	.06	.05
g. CLstudy	1,190	2.60	2.59	2.53	2.58	.029	.007	.007	.004	1.01	.98	.97	.98	20,216	1,316	59,197	.829	.016	.428	.01	.07	.02
h. CLproject	1,190	3.04	2.98	2.90	2.92	.025	.006	.006	.004	.85	.86	.89	.89	20,122	1,340	1,243	.015	.000	.000	.07	.15	.13
i. present	1,188	2.67	2.65	2.61	2.66	.027	.007	.006	.004	.94	.92	.92	.94	20,114	22,289	58,989	.363	.040	.605	.03	.06	.02
2 a. RIintegrate	1,187	3.03	2.97	2.91	2.94	.022	.006	.006	.003	.77	.81	.81	.82	1,360	1,343	1,244	.015	.000	.000	.07	.15	.10
b. RISocietal	1,190	2.80	2.71	2.67	2.71	.026	.007	.006	.004	.89	.90	.91	.91	1,353	1,337	1,242	.002	.000	.002	.09	.14	.09
c. RIdiverse	1,187	2.52	2.47	2.44	2.50	.027	.007	.007	.004	.95	.97	.97	.98	19,454	21,721	57,696	.059	.004	.396	.06	.09	.02
d. RIownview	1,182	2.81	2.76	2.73	2.78	.023	.006	.006	.004	.80	.84	.84	.84	1,358	1,338	1,237	.050	.002	.257	.06	.09	.03
e. RIPerspect	1,177	2.92	2.88	2.87	2.93	.023	.006	.006	.003	.80	.84	.83	.82	1,350	1,328	1,229	.115	.030	.728	.05	.06	-.01
f. RInewview	1,176	2.94	2.89	2.92	2.93	.023	.006	.006	.003	.78	.79	.79	.79	1,340	21,339	56,724	.069	.344	.739	.05	.03	.01
g. RIconnect	1,171	3.21	3.17	3.13	3.16	.021	.006	.005	.003	.71	.74	.75	.74	18,987	21,254	56,459	.067	.000	.010	.06	.11	.08
3 a. SFcareer	1,174	2.47	2.37	2.23	2.37	.028	.007	.007	.004	.96	.94	.93	.96	1,327	1,306	56,469	.001	.000	.001	.10	.26	.10
b. SFotherwork	1,169	2.00	1.98	1.89	1.95	.030	.008	.007	.004	1.02	1.00	.98	1.00	18,867	21,176	56,303	.431	.000	.119	.02	.11	.05
c. SFdiscuss	1,170	2.20	2.15	2.09	2.13	.027	.007	.006	.004	.91	.90	.89	.91	1,323	1,301	56,081	.038	.000	.011	.06	.13	.07
d. SFperform	1,168	2.17	2.04	1.96	2.11	.025	.007	.006	.004	.85	.87	.86	.89	1,330	1,308	56,062	.000	.000	.010	.16	.25	.08
4 a. memorize	1,172	2.76	2.75	2.77	2.78	.025	.007	.006	.004	.86	.87	.88	.88	18,826	21,120	56,092	.789	.524	.451	.01	-.02	-.02
b. HOapply	1,168	3.12	3.10	3.05	3.08	.024	.006	.006	.003	.81	.79	.81	.80	18,766	1,305	55,918	.455	.004	.087	.02	.09	.05
c. HOanalyze	1,169	3.02	2.99	2.97	3.01	.024	.006	.006	.004	.83	.84	.85	.84	18,687	1,319	55,711	.276	.028	.743	.03	.06	.01
d. HOevaluate	1,167	2.84	2.74	2.73	2.81	.026	.007	.006	.004	.89	.90	.91	.90	1,331	1,313	55,663	.000	.000	.244	.11	.12	.03
e. HOform	1,168	2.93	2.83	2.81	2.87	.024	.007	.006	.004	.83	.86	.87	.86	1,342	1,323	1,221	.000	.000	.026	.12	.14	.06
5 a. ETgoals	1,168	3.13	3.12	3.06	3.12	.022	.006	.005	.003	.75	.76	.76	.77	18,651	20,934	55,548	.543	.002	.575	.02	.09	.02
b. ETorganize	1,167	3.04	3.08	3.01	3.06	.023	.006	.005	.003	.78	.76	.76	.78	18,632	20,914	55,511	.134	.256	.527	-.05	.03	-.02
c. ETexample	1,167	3.03	3.13	3.06	3.09	.023	.006	.006	.003	.80	.78	.79	.80	1,321	20,880	1,218	.000	.134	.010	-.12	-.05	-.08
d. ETdraftfb	1,167	2.68	2.56	2.46	2.62	.027	.007	.007	.004	.92	.96	.96	.96	1,340	1,319	1,221	.000	.000	.018	.13	.24	.07
e. ETfeedback	1,161	2.71	2.69	2.57	2.70	.024	.007	.006	.004	.83	.87	.88	.90	1,336	1,318	1,219	.364	.000	.758	.03	.16	.01

NSSE 2017 Frequencies and Statistical Comparisons

Detailed Statistics^g

Washington State University

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	WSU	WSU	Legislative Peers			WSU	Legislative Peers			WSU	Legislative Peers			Comparisons with:			Comparisons with:			Comparisons with:		
			AAU	RU-VH			AAU	RU-VH			AAU	RU-VH		Legislative Peers	AAU	RU-VH	Legislative Peers	AAU	RU-VH	Legislative Peers	AAU	RU-VH
6 a. QRconclude	1,160	2.74	2.75	2.69	2.71	.026	.007	.007	.004	.89	.92	.93	.92	18,569	1,312	1,213	.736	.077	.214	-.01	.05	.04
b. QRproblem	1,160	2.47	2.45	2.39	2.42	.028	.007	.007	.004	.95	.97	.97	.97	18,537	20,808	55,239	.528	.005	.109	.02	.09	.05
c. QRevaluate	1,164	2.51	2.54	2.50	2.49	.026	.007	.006	.004	.90	.90	.91	.92	18,543	20,812	55,294	.291	.628	.409	-.03	.01	.02
7 a. wrshortnum	1,109	8.68	7.03	7.41	6.95	.211	.051	.048	.029	7.03	6.34	6.44	6.35	1,240	1,226	1,150	.000	.000	.000	.26	.20	.27
b. wrmednum	1,105	3.81	2.91	3.41	3.14	.135	.030	.031	.019	4.49	3.77	4.09	4.11	1,217	18,941	49,974	.000	.002	.000	.24	.10	.16
c. wrlongnum	1,106	2.11	1.60	1.97	1.80	.113	.025	.026	.016	3.77	3.09	3.53	3.49	1,213	18,883	1,148	.000	.184	.007	.16	.04	.09
— wrpages	1,095	87.69	66.94	78.08	72.06	2.921	.619	.651	.397	96.67	76.28	86.25	87.09	1,194	1,205	1,135	.000	.001	.000	.27	.11	.18
8 a. DDrace	1,110	3.05	3.04	3.11	3.16	.027	.007	.007	.004	.90	.90	.89	.89	16,836	19,122	1,159	.744	.050	.000	.01	-.06	-.12
b. DDeconomic	1,105	3.07	3.05	3.04	3.11	.026	.007	.006	.004	.88	.85	.87	.86	16,799	19,077	50,405	.311	.211	.151	.03	.04	-.04
c. DDreligion	1,108	3.04	3.02	3.05	3.09	.027	.007	.007	.004	.90	.90	.89	.90	16,797	19,069	50,380	.406	.611	.057	.03	-.02	-.06
d. DDpolitical	1,106	3.02	3.04	2.91	3.03	.027	.007	.007	.004	.89	.89	.92	.91	16,755	1,255	50,350	.498	.000	.836	-.02	.12	-.01
9 a. LSreading	1,105	3.06	3.05	3.04	3.07	.024	.007	.006	.004	.80	.83	.82	.82	1,280	18,988	50,170	.625	.302	.666	.01	.03	-.01
b. LSnotes	1,102	2.72	2.68	2.60	2.76	.028	.008	.007	.004	.93	.95	.95	.94	16,680	18,968	50,144	.122	.000	.261	.05	.13	-.03
c. LSsummary	1,101	2.70	2.70	2.65	2.76	.027	.007	.007	.004	.91	.92	.92	.91	16,580	18,873	49,913	.846	.082	.032	.01	.05	-.07
10. challenge	1,100	5.41	5.43	5.32	5.43	.039	.010	.009	.006	1.28	1.21	1.26	1.29	1,244	1,234	49,921	.549	.023	.653	-.02	.07	-.01
11 a. intern ^l	1,099	.481	.603	.580	.546	.0151	.0039	.0037	.0023	--	--	--	--	--	--	--	.000	.000	.000	-.25	-.20	-.13
b. leader ^l	1,098	.372	.481	.460	.402	.0146	.0040	.0037	.0022	--	--	--	--	--	--	--	.000	.000	.042	-.22	-.18	-.06
c. learncom ^l	1,093	.216	.253	.234	.242	.0124	.0035	.0032	.0019	--	--	--	--	--	--	--	.006	.166	.047	-.09	-.04	-.06
d. abroad ^l	1,094	.108	.211	.209	.180	.0094	.0033	.0031	.0017	--	--	--	--	--	--	--	.000	.000	.000	-.29	-.28	-.21
e. research ^l	1,091	.251	.306	.312	.273	.0131	.0037	.0035	.0020	--	--	--	--	--	--	--	.000	.000	.113	-.12	-.14	-.05
f. capstone ^l	1,094	.627	.441	.401	.439	.0146	.0040	.0037	.0023	--	--	--	--	--	--	--	.000	.000	.000	.38	.46	.38
12. servcourse	1,090	1.70	1.55	1.53	1.62	.020	.005	.005	.003	.67	.62	.62	.67	16,494	18,758	1,139	.000	.000	.000	.24	.28	.11
13 a. QIstudent	1,085	5.51	5.62	5.43	5.55	.041	.010	.010	.006	1.36	1.26	1.34	1.33	1,221	18,750	49,373	.008	.063	.245	-.09	.06	-.04
b. QIadvisor	1,089	5.17	5.14	4.86	4.96	.054	.014	.014	.008	1.79	1.74	1.78	1.80	16,408	18,227	49,078	.678	.000	.000	.01	.17	.11
c. QIfaculty	1,085	5.40	5.38	5.18	5.34	.041	.011	.011	.006	1.35	1.35	1.41	1.40	16,399	18,615	49,230	.496	.000	.127	.02	.16	.05
d. QIstaff	870	4.82	4.95	4.71	4.84	.055	.014	.013	.008	1.63	1.62	1.65	1.68	14,532	16,286	42,441	.028	.053	.793	-.08	.07	-.01
e. QIadmin	1,003	4.91	4.82	4.64	4.69	.052	.014	.013	.008	1.63	1.62	1.64	1.69	14,951	1,135	1,051	.087	.000	.000	.06	.17	.13
14 a. empstudy	1,059	3.09	3.19	3.24	3.15	.024	.006	.006	.004	.76	.75	.75	.76	1,207	1,189	47,922	.000	.000	.007	-.14	-.20	-.08
b. SEacademic	1,056	2.88	2.89	2.76	2.89	.025	.007	.006	.004	.81	.83	.84	.84	15,781	1,198	47,639	.488	.000	.584	-.02	.14	-.02
c. SElearnsup	1,057	2.77	2.79	2.66	2.79	.027	.007	.007	.004	.89	.90	.90	.92	15,784	18,101	47,623	.381	.000	.451	-.03	.12	-.02

NSSE 2017 Frequencies and Statistical Comparisons

Detailed Statistics^g

Washington State University

Seniors

Variable Name	N	Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	WSU	WSU	Legislative Peers			WSU	Legislative Peers			WSU	Legislative Peers			Comparisons with:			Comparisons with:			Comparisons with:		
			AAU	RU-VH			AAU	RU-VH			AAU	RU-VH		Legislative Peers	AAU	RU-VH	Legislative Peers	AAU	RU-VH	Legislative Peers	AAU	RU-VH
d. SEdiverse	1,055	2.50	2.50	2.44	2.60	.030	.008	.008	.005	.97	.98	.98	.99	15,774	18,067	47,550	.983	.045	.003	.00	.06	-.09
e. SEsocial	1,058	2.79	2.95	2.78	2.88	.027	.007	.007	.004	.89	.88	.91	.89	1,209	18,066	47,517	.000	.637	.002	-.19	.01	-.09
f. SEwellness	1,056	2.74	2.90	2.75	2.83	.029	.007	.007	.004	.94	.91	.93	.93	1,202	18,031	47,437	.000	.716	.002	-.18	-.01	-.10
g. SENonacad	1,054	1.95	2.02	1.93	2.06	.028	.008	.007	.004	.91	.93	.91	.96	15,691	18,001	1,108	.026	.485	.000	-.07	.02	-.11
h. SEactivities	1,053	2.58	2.86	2.63	2.74	.029	.008	.007	.004	.93	.92	.94	.94	1,205	17,982	47,330	.000	.054	.000	-.31	-.06	-.17
i. SEevents	1,048	2.33	2.39	2.33	2.40	.028	.008	.007	.004	.89	.92	.91	.94	1,212	17,950	1,100	.046	.959	.021	-.06	.00	-.07
15 a. tmprephrs	1,051	15.92	15.95	16.89	15.43	.276	.075	.071	.042	8.94	9.02	9.20	9.00	15,640	17,968	47,322	.927	.001	.083	.00	-.11	.05
b. tmcocurrhrs	1,050	4.74	5.87	5.96	5.48	.204	.056	.054	.032	6.60	6.81	6.96	6.91	1,215	1,198	1,102	.000	.000	.000	-.17	-.18	-.11
c. tmworkonhrs	1,052	4.72	5.21	4.72	4.12	.237	.066	.058	.035	7.70	7.98	7.49	7.44	1,220	17,950	1,096	.049	.986	.012	-.06	.00	.08
d. tmworkoffhrs	1,049	7.88	6.98	6.70	10.01	.358	.086	.077	.056	11.60	10.33	9.97	12.11	1,172	1,147	1,101	.015	.001	.000	.09	.12	-.18
— tmworkhrs	1,047	12.54	12.12	11.36	14.06	.376	.095	.088	.059	12.16	11.46	11.39	12.65	1,185	1,164	46,885	.280	.002	.000	.04	.10	-.12
e. tmsevicehrs	1,046	2.66	2.52	2.60	2.98	.149	.037	.036	.024	4.81	4.44	4.69	5.20	1,177	17,865	47,072	.342	.646	.049	.03	.01	-.06
f. tmrelaxhrs	1,049	11.34	12.36	12.49	11.67	.257	.069	.064	.039	8.33	8.27	8.33	8.30	15,587	17,920	47,144	.000	.000	.198	-.12	-.14	-.04
g. tmcarehrs	1,050	4.89	2.29	2.17	3.60	.318	.058	.049	.040	10.32	7.03	6.36	8.54	1,121	1,100	1,082	.000	.000	.000	.36	.41	.15
h. tmcommutehrs	1,049	4.76	4.55	5.33	5.26	.159	.038	.042	.026	5.16	4.60	5.51	5.67	1,171	1,201	1,106	.193	.001	.002	.05	-.10	-.09
16. reading	1,050	2.56	2.56	2.64	2.64	.037	.010	.009	.006	1.18	1.21	1.23	1.20	15,594	1,195	47,111	.994	.034	.018	.00	-.07	-.07
— tmreadinghrs	1,047	6.59	6.40	7.05	6.55	.185	.048	.048	.028	5.97	5.84	6.21	5.99	15,544	17,847	46,949	.305	.021	.831	.03	-.07	.01
17 a. pgwrite	1,047	2.93	2.89	2.85	2.90	.027	.008	.007	.004	.88	.92	.91	.91	1,218	1,191	1,098	.128	.002	.275	.05	.10	.03
b. pgspeak	1,047	2.73	2.84	2.74	2.85	.029	.008	.007	.004	.93	.95	.95	.94	15,539	17,881	47,007	.000	.672	.000	-.12	-.01	-.13
c. pgthink	1,048	3.30	3.33	3.31	3.29	.024	.006	.006	.004	.78	.78	.78	.79	15,529	17,874	47,002	.217	.714	.666	-.04	-.01	.01
d. pganalyze	1,047	2.97	3.01	2.96	2.95	.029	.008	.007	.004	.94	.94	.96	.96	15,518	17,850	46,982	.190	.867	.615	-.04	.01	.02
e. pgwork	1,049	2.91	2.93	2.75	2.88	.029	.008	.008	.005	.95	.97	1.01	.97	15,531	1,200	47,023	.364	.000	.415	-.03	.15	.03
f. pgothers	1,048	2.99	3.05	2.92	3.02	.027	.007	.007	.004	.87	.88	.90	.88	15,509	1,190	46,964	.047	.011	.302	-.06	.08	-.03
g. pgvalues	1,047	2.62	2.69	2.61	2.73	.031	.008	.008	.005	.99	1.01	1.00	1.00	15,513	17,851	46,955	.028	.896	.000	-.07	.00	-.12
h. pgdiverse	1,044	2.66	2.71	2.69	2.80	.029	.008	.008	.005	.95	.99	.98	.98	1,216	1,188	46,924	.109	.407	.000	-.05	-.03	-.14
i. pgprobsolve	1,047	2.82	2.84	2.75	2.82	.029	.008	.007	.004	.93	.94	.96	.95	15,495	1,189	46,933	.597	.013	.897	-.02	.08	.00
j. pgcitizen	1,039	2.57	2.60	2.53	2.64	.031	.008	.008	.005	1.00	1.00	1.00	1.00	15,452	17,800	46,762	.356	.209	.031	-.03	.04	-.07
18. evalexp	1,044	3.22	3.32	3.20	3.26	.024	.006	.006	.004	.77	.76	.79	.77	15,536	17,866	46,956	.000	.422	.127	-.14	.03	-.05
19. sameinst	1,049	3.28	3.35	3.22	3.27	.025	.007	.006	.004	.83	.80	.84	.82	15,569	17,899	47,040	.004	.045	.670	-.09	.06	.01

IPEDS: 236939

Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are the dichotomous High-Impact Practice items (11a to 11f) which are compared using a z -test.
- c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- d. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- e. Effect size for independent t -tests uses Cohen's d ; z -tests use Cohen's h . See page 2 for more details.
- f. Statistical comparison uses z -test to compare the percentage who responded "Done or in progress."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the t -tests. Values differ from Ns due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent t -tests or z -tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress."